# Volume:
# 1987
# Spring Semester
# 1st Edition

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COLLEGE PARK, MD 20742

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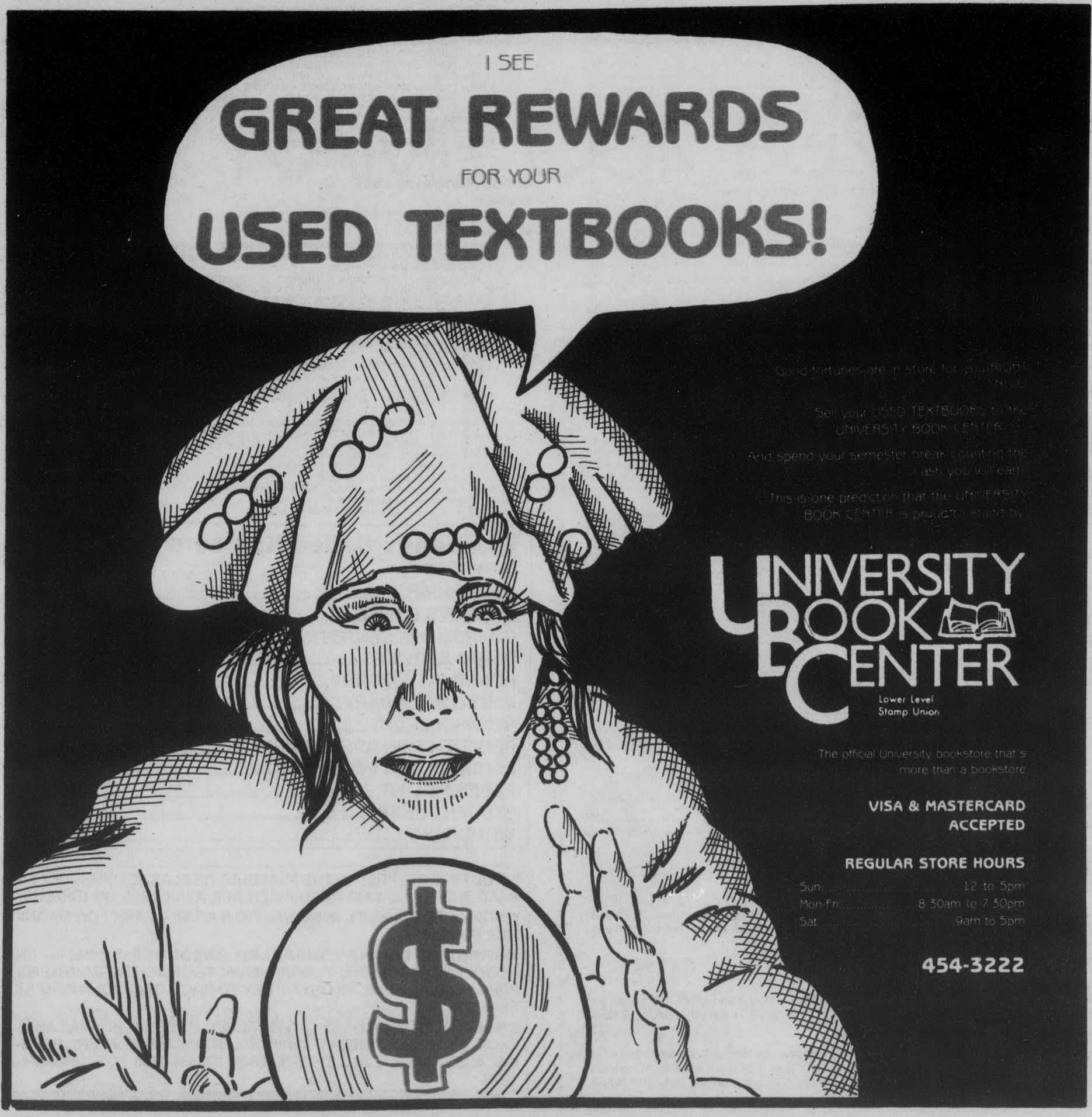
# The University of Maryland College Park Campus

# Schedule of Classes

## First Edition

## SPRING 1987

CLASS SCHEDULE AND INFORMATION GUIDE
Published by University of Maryland

# IMPORTANT REGISTRATION DATES AND PROCEDURES — UNDERGRADUATES — SEE PAGE 6 GRADUATES — SEE PAGE 7

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## Name and Address Changes

It is important to keep the University informed of accurate address and name information. This is necessary to insure receipt of University information and materials in a timely fashion. See page 14 for further procedures.

## Disabled Student Services

Provisions are available for special assistance for students with physical disabilities. For further information contact the Disabled Student Services Office on x5028 (voice) or x5029 (Tdd).

## Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

## Attention Students in The Following Pre-Majors:

| | |
|---|---|
| Pre-Architecture | Pre-Engineering |
| Pre-Business & Management | Pre-Education |
| Pre-Computer Science | Pre-Journalism |
| Pre-Design | Pre-Radio, Television & Film |

**New regulations for students seeking entry to selective admissions programs have recently been approved. See page 23 for information.**

## University Calendar 1986-87

### Fall Semester 1986

**SEPTEMBER**
- 1 —Monday — LABOR DAY HOLIDAY
- 2 —Tuesday — FIRST DAY OF CLASSES
- 15 —Monday — **ALL UNDERGRADUATE AND GRADUATE STUDENTS.** LAST DAY TO SUBMIT APPLICATION FOR DECEMBER 1986 COMMENCEMENT TO THE REGISTRATIONS COUNTER, NORTH ADMINISTRATION
- 22 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING FORM REQUESTING APPOINTMENT OF DOCTORAL EXAMINATION COMMITTEE TO THE GRADUATE SCHOOL
- 29 —Monday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL FOR DECEMBER 1986 COMMENCEMENT: APPROVED PROGRAM FORM, MASTER'S THESIS EXAMINING COMMITTEE FORM.

**OCTOBER**
- 4 & 5 —ROSH HASHANAH
- 6 —Monday — FACULTY AND ASSOCIATE STAFF CONVOCATION (3:00 p.m.)
- 13 —Monday — YOM KIPPUR

**NOVEMBER**
- 27-30 —Thursday-Sunday — THANKSGIVING RECESS

**DECEMBER**
- 1 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION, THE SIGNED DOCTORAL ORAL EXAMINATION COMMITTEE REPORT, DOCTORAL SURVEY, & MICROFILM CONTRACT
- 12 —Friday — LAST DAY OF CLASSES
- 12 —Friday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: THE EXAMINATION REPORT, ONE FINAL, APPROVED COPY OF THE MASTER'S THESIS OR FORM CERTIFYING NON-THESIS OPTION TO GRADUATE SCHOOL
- 13 —Saturday — EXAM STUDY DAY
- 15-22 —Monday-Monday — FINAL EXAMINATIONS
- 23 —Tuesday — COMMENCEMENT

### Spring Semester 1987

**JANUARY**
- 15 —Thursday — MARTIN LUTHER KING HOLIDAY
- 26 —Monday — FIRST DAY OF CLASSES

**FEBRUARY**
- 6 —Friday — **ALL UNDERGRADUATE AND GRADUATE STUDENTS.** LAST DAY TO SUBMIT DIPLOMA APPLICATIONS FOR MAY 1987 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, NORTH ADMINISTRATION.
- 16 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING FORM REQUESTING APPOINTMENT OF DOCTORAL EXAMINING COMMITTEE TO THE GRADUATE SCHOOL.
- 27 —Friday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: APPROVED PROGRAM FORM, MASTER'S THESIS EXAMINING COMMITTEE FORM.

**MARCH**
- 16-22 —Monday-Sunday — SPRING VACATION

**APRIL**
- 27 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE SIGNED DOCTORAL ORAL EXAMINATION COMMITTEE REPORT; DOCTORAL SURVEY; MICROFILM CONTRACT.

**MAY**
- 4 —Monday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: THE SIGNED THESIS EXAMINATION COMMITTEE REPORT; ONE FINAL, APPROVED COPY OF THE MASTER'S THESIS OR FORM CERTIFYING NON-THESIS OPTION.
- 14 —Thursday — LAST DAY OF CLASSES
- 15 —Friday — EXAM STUDY DAY
- 16-23 —Saturday-Saturday — FINAL EXAMINATIONS
- 25 —Monday — MEMORIAL DAY HOLIDAY
- 26 —Tuesday — COMMENCEMENT (tentative)

## Frequently Called Numbers

| DEPARTMENT | PHONE NUMBER |
|---|---|
| ADMISSIONS | 454-5550 |
| BURSAR'S OFFICE | 454-4832 |
| COUNSELING CENTER | 454-2931 |
| DINING SERVICES | 454-4106 |
| HORNBAKE LIBRARY | 454-4737 |
| McKELDIN LIBRARY | 454-2853 |
| REENROLLMENT | 454-2734 |
| REGISTRATION APPOINTMENT | 454-7950 |
| REGISTRATION INFORMATION | 454-5559 |
| RESIDENT LIFE | 454-2711 |
| STUDENT UNION | 454-2801 |
| WITHDRAWAL | 454-3031 |

**IF YOU FIND THE PRINT IN THE SCHEDULE OF CLASSES DIFFICULT TO READ THE FOLLOWING RESOURCES ARE AVAILABLE ON CAMPUS:**

**HORNBAKE LIBRARY INFORMATION DESK — ASK FOR MAGNIFICATION LENS**

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| TAN VENTURE | 277-6464 | 4 |
| THE POINT | 593-2700 | 15 |
| UNIVERSITY BOOK CENTER | 454-3222 | 1, 40 |
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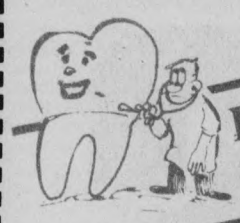

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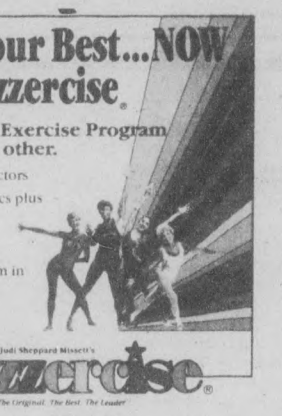

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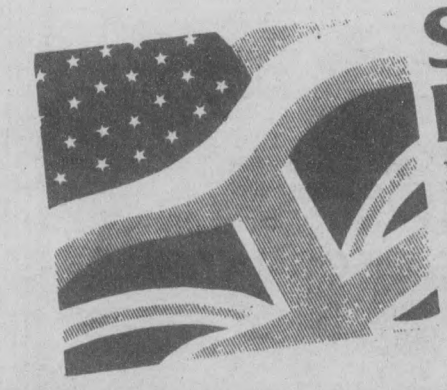

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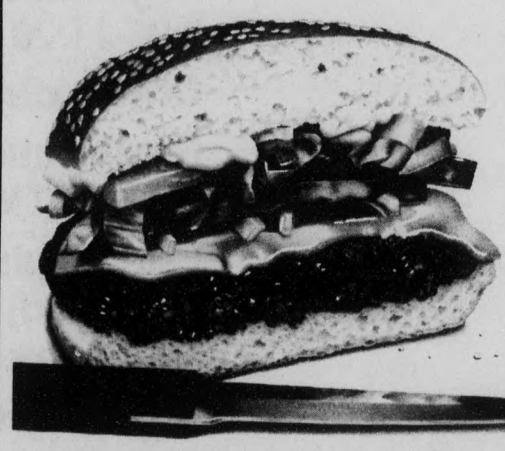
tastes like you
made it from scratch,
you have to
start from scratch.



Toss everything out.
Start all over again.
Whether it was the way we'd always done it, or the way everyone else still does it, tough luck. The idea here is to make a better burger.
Our grills were the first to bite the dust. In their place, new ones, custom-designed to cook at a lower, more even temperature. So our new burgers stay thicker, full of natural juices.
Next came the beef.
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## Registration & Schedule Adjustment Calendar

| | |
|---|---|
| **OCTOBER 20** | **Begin advising and picking up materials at department.** |
| **OCTOBER 28-DECEMBER 10** | **Undergraduate students register by appointment according to credit level.** |
| **OCTOBER 28-JANUARY 7** | **Graduate students register by mail.** |
| **DECEMBER 15-19** | **Registration and schedule adjustment (drop/add) walk-in 9:00-11:30 a.m. & 1:00-4:00 p.m.** |
| **JANUARY 5-20** | **Registration and schedule adjustment (drop/add) walk-in 9:00-11:30 a.m.** |
| **JANUARY 15** | **Office closed — Martin Luther King Holiday** |
| **JANUARY 21-23** | **Registration and schedule adjustment (drop/add) BY APPOINTMENT ONLY. Call 454-7950 for an appointment.** |
| **JANUARY 26-30** | **Late Registration ($20.00 fee) and schedule adjustment (drop/add) BY APPOINTMENT ONLY. Call 454-7950 for an appointment.** |
| **FEBRUARY 2-6** | **Late Registration ($20.00 fee) and schedule adjustment (drop/add) walk-in 9:00-11:30 a.m. & 1:00-4:00 p.m.** |

*** LOOK FOR DROP EXPRESS LINES —**
**APPOINTMENTS NOT NEEDED FOR DROPS ONLY**

**NOTE: 454-7950 is not a working number prior to October 27th.**

# Undergraduate Registration Procedures

All eligible undergraduate students will be mailed registration appointments for Spring 1987. Appointment times will be based on student credit level and scheduled between October 28 and December 10, 1986.

ALL STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THIS OPPORTUNITY.

Students participating in this system will have the best opportunity to obtain their Spring 1987 course schedule.

**Don't wait** — All courses will be filled to 100% of course capacity.

Students who owe money to the University are not eligible to register until they clear their account. Students with outstanding balances will receive a bill and a letter with a registration appointment time. To become eligible to register at this appointment time, obtain a bill clearance from the Bursar's Office, Room 1103, South Administration, prior to your appointment.

The following steps should be completed at least one week prior to the appointment date.

**STEP 1** Go to your department location as indicated in your letter, according to the dates in your letter. Beginning October 20, 1986, unofficial transcripts and registration materials will be available at all locations.

Students who were Academically Dismissed or on Academic Warning at the end of the Spring 1986 semester are required to have advisement prior to their registration appointment. Your registration form must have your department stamp in the advising box as proof of advisement.

Advisement is **mandatory,** prior to your appointment for students in:

— College of Agriculture
— College of Engineering
— College of Computer, Mathematical & Physical Sciences
— College of Life Sciences
— I.E.D. Program
— Special Education & Pre-Special Education Majors

**Advisement is mandatory for students lacking fundamental studies requirement. See page 24 for policy.**

In addition to the above other Colleges and majors may have mandatory advisement. Check your appointment letter for specific requirements.

It is recommended that students set up appointments to see their advisors at least one week prior to the registration appointment.

**STEP 2** Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 31, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

**OTHER RESTRICTIONS:**

1) 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2) Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3) Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4) Undergraduates requesting Pass/Fail grading method must have earned 15 credits at the College Park campus, and a G.P.A. of at least 2.0.

**STEP 3** Complete Undergraduate Schedule Request Form prior to appointment date and time. Make sure you are eligible for all courses requested.

**STEP 4** Go to Room 1130, North Administration Building, at the day and time of your assigned appointment.

**ATTENTION: GRADUATING SENIORS — DECEMBER DEGREE CANDIDATES**

If you wish to register for Spring 1987, **make your appointment early.** Beginning October 27, call 454-7950 to schedule an appointment. NOTE: Prior to October 27 this is not a working number.

Students may continue to register and drop/add in the Registration Center, Room 1130, North Administration. See Registration and Schedule Adjustment Calendar for dates and hours of registration.

# Graduate Student Registration Procedures

## ATTENTION GRAD STUDENTS — MAIL-IN REGISTRATION PROCESS AVAILABLE

**GENERAL INFORMATION**

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION WILL BE HELD FROM **OCTOBER 28, 1986 THROUGH JANUARY 7, 1987.** EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS.

Your department/program has indicated their requirements in the Graduate Registration Procedure Chart below. Please review this information carefully and follow the instructions associated with your department. Questions may be addressed to the department/program office or Graduate School (454-4004).

Currently enrolled graduate students will receive a letter about the registration procedures. Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payment at the Bursar's office, Room 1103 South Administration Building.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include copy of clearance form with schedule request form.

**REGISTRATION STEPS:**

**STEP 1 —** Review the chart below to determine departmental requirements based on status as a newly admitted or returning graduate student.
**NEWLY ADMITTED:** Any student receiving an admission letter from the Graduate School for Spring 1987.
**RETURNING STUDENT:** Any student admitted to a Graduate program prior to and including Fall 1986, and currently eligible to register.

**STEP 2 —** If advising is mandatory, or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

**STEP 3 —** Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 31, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

**STEP 4 —** Complete Graduate Schedule Request Form and return it to the department or to the Registrations Office, as indicated in the Graduate Registration Procedure Chart below and on the following page.

**NOTE:** If the department permits, students may return the form directly to the Registrations Office by mail to:
Registrations Office
Room 1130
North Administration Building
College Park, Maryland 20742
or in person. (See Registration and Schedule Adjustment Calendar, page 6, for specific dates and times.) An appointment is suggested (call 454-7950).

**STEP 5 —** Confirmation of Spring 1987 schedules will be mailed to students according to the following schedule.

**BILLING INFORMATION**

| *Course Request received* | *Schedule, Bill and Registration Card sent:* |
|---|---|
| Through December 12 | December 16 |
| December 15-January 9 | January 12 |

## Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Office of Graduate Studies and Research for more complete information (454-5438).

## Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 23 and earlier (prior to the first day of classes).....100% refund
   There will be no charge for courses *dropped* by this date.
2. January 26-30 (first five days of classes).....80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. February 2 and after.....0% refund
   Student will incur full charge for courses *dropped* during this period.
4. February 9 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

**Refer to Summary of Spring Semester Deadlines for other important dates.**

## Graduate Students — Summary of Spring Semester 1987 Deadlines

January 7.....Last day for mail-in registration
January 15.....Martin Luther King Holiday
January 26.....First Day of Classes
January 26.....Late Registration Begins through February 6
February 6.....Last day to submit applications for the May 1987 Commencement to the Registrations Counter, North Administration
February 16.....DOCTORAL STUDENTS: deadline for submitting form requesting appointment of Doctoral Examination Committee to the Graduate School
February 16.....MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate School for December 1987 Commencement:
— Approved program form
— Master's thesis examining committee form
April 10.....Last day to drop a course
March 16-22.....Spring Break
April 27.....DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate School:
— Two final, acceptable copies of the completed dissertation
— The signed doctoral oral examination committee report
— Doctoral Survey
— Microfilm Contract
May 4.....MASTER'S STUDENTS: deadine for submission of the following materials to the Graduate School:
— The examination report
— One final, approved copy of the master's thesis or form certifying non-thesis option to Graduate School
May 14.....Last day of classes
May 26.....COMMENCEMENT

## Graduate Registration Procedure Chart

| DEPARTMENT/PROGRAM | LOCATION | STUDENT STATUS | | | |
|---|---|---|---|---|---|
| | | Newly Admitted Students | | Returning Students | |
| | | Advising | Return completed Forms to: | Advising | Return completed Forms to: |
| ADVP Animal Sciences | 4149 Animal Sci Center | Mandatory | Registrations Office | Mandatory | Registrations Office |
| AEED Agricultural & Extension Education | 0200 Symons Hall | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| AGRO Agronomy | 1109 H. J. Patterson | Mandatory | Registrations Office | Mandatory | Registrations Office |
| AMST American Studies | 2140 Taliaferro | Mandatory | Registrations Office | Optional | Registrations Office |
| ANSC Animal Science | 4149 Animal Sci Center | N/A | N/A | Mandatory | Registrations Office |

*continued on next page*

# Continuation of Graduate Registration Procedure Chart

| DEPARTMENT/PROGRAM | LOCATION | STUDENT STATUS | | | |
|---|---|---|---|---|---|
| | | Newly Admitted Students | | Returning Students | |
| | | Advising | Return completed Forms to: | Advising | Return completed Forms to: |
| ANTH Anthropology | 1115 Woods Hall | Mandatory | Department | Mandatory | Department |
| ARCH Architecture | 1298 Architecture | Mandatory | Registrations Office | Optional | Registrations Office |
| AREC Agricultural & Resource Economics | 2210 Symons Hall | Mandatory | Registrations Office | Mandatory | Registrations Office |
| ARTS Art History | 1211 Art/Socy | Mandatory | Registrations Office | Mandatory | Registrations Office |
| ARTS Art Studio | 1211 Art/Socy | Optional | Registrations Office | Optional | |
| ASTR Astronomy | 0205 Space Sci | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| BCHM Biochemistry | 1320 Chemistry | at Orientation | at Orientation | Mandatory | Department |
| BMGT/LMBA/MS Business and Management | 3104 Tydings | MBA: permission of Director<br>MS: see faculty advisor or Director | | MBA: Optional<br>MS: Optional | Department<br>Department |
| | PhD: 0139 Tydings | PhD: at Orientation | | PhD: Optional | Department |
| BMPM Business/Public Affairs | See BMGT and MAPM | N/A | N/A | N/A | N/A |
| BOTN Botany | 1223 H. J. Patterson | at Orientation | Registrations Office | Optional | Registrations Office |
| CHEM Chemistry | 1320 Chemistry | at Orientation | at Orientation | Mandatory | Department |
| CHPH Chemical Physics | 1126 Physics Bldg | Optional | Registrations office | Optional | Registrations office |
| CLAS Classics | 4220 Jimenez | Mandatory | Registrations office | Optional | Registrations office |
| CMLT Comparative Literature | 4220 Jimenez | Mandatory | Registrations office | Mandatory | Registrations office |
| CMRT Communication Arts & Theatre | 1146 Tawes | Mandatory | Registrations office | Mandatory | Registrations office |
| CMSC Computer Science | 2309 Computer Sci | Mandatory | Registrations office | Mandatory except 799/899 | Registrations office |
| CRIM Criminal Justice & Criminology | 2220 LeFrak Hall | at Orientation | at Orientation | Optional | Registrations Office |
| DAIR Dairy Science | 4149 Animal Sci Center | N/A | N/A | Mandatory | Registrations Office |
| ECON Economics and Curriculum | 3115L Tydings | Mandatory | Department | Optional except 799/899 | Department |
| EDCI Curriculum and Instructioin | 2311 H. R. Benjamin | Mandatory | Registrations Office | Optional | Registrations Office |
| EDCP Counseling and Personnel Services | 3214 H. R. Benjamin | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| EDHD Human Development | 3304 H. R. Benjamin | Mandatory | Registrations Office | Optional | Registrations Office |
| EDIT Industrial, Technological and Occupational Education | 3216 J. M. Patterson | Mandatory | Registrations Office | Mandatory | Registrations Office |
| EDMS Measurement, Statistics and Evaluation | 4107 H. R. Benjamin | Optional | Registrations Office | Optional | Registrations Office |
| EDPA Policy, Planning and Administration | 2110 H. R. Benjamin | Optional | Registrations Office | Optional | Registrations Office |
| EDSP Special Education | 1304 H. R. Benjamin | Mandatory | Registrations Office | Optional | Registrations Office |
| ENAE Aerospace Engineering | 0151 Engr Classroom Bldg | Mandatory | Department | Mandatory | Registrations Office |
| ENAG Agricultural Engineering | 1130 Shriver Lab | Mandatory | Registrations Office | Mandatory | Registrations Office |
| ENCE Civil Engineering | 1179 Engr Classroom Bldg | Optional | Registrations Office | Optional | Registrations Office |
| ENCH Chemical Engineering | 2115 Chem Engr Bldg | Mandatory | Department | Mandatory | Department |
| ENEE Electrical Engineering | 3181 Engr Classroom Bldg | Optional | Registrations Office | Optional | Registrations Office |
| ENGL English | 1141 Taliaferro | Optional | Registrations Office | Optional | Registrations Office |
| ENMA Engineering Materials | 2115 Chem Engr Bldg | Mandatory | Department | Mandatory | Department |
| ENME Mechanical Engineering | 1113 Mill Bldg | Mandatory | Registrations Office | Mandatory | Registrations Office |
| ENNU Nuclear Engineering | 2309 Chem Engr Bldg | Optional | Registrations Office | Optional | Registrations Office |
| ENTM Entomology | 1300 Symons Hall | Mandatory | Registrations Office | Mandatory | Registrations Office |
| FDSC Food Science | 1122A Holzapfel | Mandatory | Registrations Office | Mandatory | Registrations Office |
| FMCD Family and Community Development | 1204 Marie Mount | Optional | Registrations Office | Optional | Registrations Office |
| FNIA Food, Nutrition and Institutional Administration | 3304 Marie Mount | Mandatory | Department | Mandatory except 799/899 | Registrations Office |
| FRIT French Language and Literature | 3106D Jimenez | Mandatory | Registrations Office | Mandatory | Registrations Office |
| GEOG Geography | 1163 LeFrak Hall | Mandatory | Registrations Office | Mandatory | Registrations Office |
| GELS Geography/Library Science | See GEOG & LBSC | N/A | N/A | N/A | N/A |
| GEOL Geology | 1115 Geology Bldg | Mandatory | Registrations Office | Mandatory | Registrations Office |
| GERS Germanic Language and Literature | 3215 Jimenez | Mandatory | Registrations Office | Mandatory | Registrations Office |
| GRAD Advanced Special Student | 2117 South Admin | Not Required | Registrations Office | Not Required | Registrations Office |
| GVPT Government & Politics | 2181 LeFrak Hall | at Orientation | at Orientation | Optional | Registrations Office |
| HESP Hearing and Speech Sciences | 0100 LeFrak Hall | Mandatory | Registrations Office | Mandatory | Registrations Office |
| HILS Library and Information Services | see LBSC | N/A | N/A | N/A | N/A |
| HIST History | 2117 Francis Scott Key | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| HLTH Health Education | 2387 PERH Bldg | at Orientation | at Orientation | Optional | Registrations Office |
| HORT Horticulture | 1122 Holzapfel | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| JOUR Journalism | 2109 Journalism | Optional | Registrations Office | Optional | Registrations Office |
| LBSC Library and Information Services | 4110 Hornbake | Mandatory | Department | Mandatory | Department |
| LING Linguistics | 1107 Mill Bldg | Mandatory | Registrations Office | Optional | Registrations Office |
| LMBA Business/Law Combined | 5th Floor Tydings | see admit letter | | Mandatory | Department |
| LMPM Law & Public Management | See MAPM | N/A | N/A | N/A | N/A |
| MAPL Applied Mathematics | 1112 Math Building | by appointment | at appointment | Optional | Department |
| MAPM Public Management | 1218 LeFrak Hall | Mandatory | Department | Mandatory | Registrations Office |
| MATH Mathematics | 1112 Math Building | by appointment or at GA Orient | at appointment or Orientation | Optional | Department |
| MAPP Public Policy | 1218 LeFrak Hall | Mandatory | Department | Mandatory | Registrations Office |
| MEES Marine-Estuarine-Environmental Sciences | 0313 Symons Hall | Mandatory | Registrations Office | Mandatory | Registrations Office |
| METO Meteorology | 2207 Space Sci | at Orientation | Registrations Office | Mandatory except 799/899 | Registrations Office |
| MFAT Master of Fine Arts | See CMRT | N/A | N/A | N/A | N/A |
| MICB Microbiology | 2131 Skinner | Mandatory | Registrations Office | Mandatory | Registrations Office |
| MUSC Music | 2110 Tawes | Mandatory | Registrations Office | Mandatory | Registrations Office |
| NUSC Nutritional Sciences | 2145 Animal Science | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| PCOM Public Communication | 2109 Journalism | Optional | Registrations Office | Optional | Registrations Office |
| PHED Physical Education | 2351 PERH Bldg | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| PHIL Philosophy | 1131 Skinner | Mandatory | Registrations Office | Mandatory | Registrations Office |
| PHYS Physics | 1120 Physics Bldg | Mandatory | Department | Mandatory except 799/899 | Registrations Office |
| POUL Poultry Science | 3129 Animal Sci Center | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| PSYC Psychology | 1147 Zoo/Psyc Bldg | Mandatory | Department | Mandatory | Department |
| RECR Recreation | 2367 PERH Bldg | Mandatory | Department | Mandatory | Department |
| SOCY Sociology | 2108 Art/Socy Bldg | Optional | Department | Optional | Department |
| SPAP Spanish Language and Literature | 2215 Jimenez | Mandatory | Registrations Office | Mandatory | Registrations Office |
| STAT Mathematical Statistics | 1112 Math Bldg | Mandatory at appointment or at GA Orient | at appointment or Orientation | Mandatory | Department |
| TXCE Textile and Consumer Economics | 2100 Marie Mount | Mandatory | Registrations Office | Mandatory except 799/899 | Registrations Office |
| URBS Urban Studies | 1113 LeFrak Hall | Mandatory | Registrations Office | Mandatory | Registrations Office |
| ZOOL Zoology | 3210 Zoo/Psyc Bldg | Mandatory | Registrations Office | Optional | Registrations Office |
| **INTERCAMPUS ENROLLMENT PROGRAM:** UMAB, UMBC, UMES, UMUC | | | Graduate School at Host Campus | | Graduate School at Host Campus |
| Intercampus Student | 2125 South Admin | at Home Campus | Intercamp Form **MUST** be attached | at Home Campus | Intercamp Form **MUST** be attached |

# Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

**STEP 1** — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 South Administration Bldg., 454-6312.

**DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR SPRING 1987**

Early Registrants — January 13, 1987

Students who register after January 9, 1987 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.

**All forms must be submitted by January 26, 1987.**

**STEP 2** — Contact appropriate admissions office:

Undergraduate — North Administration Bldg. (Basement), 454-5550

Graduate — South Administration Bldg. (Second Floor), 454-3141

**STEP 3** — Follow appropriate Registration Procedures:

For Undergraduate students see page 6.

For Graduate students see page 7.

**Faculty/Staff are encouraged to register as early as possible.**

# Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

**Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by January 13, 1987. Students who register after January 9, 1987 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 26, 1987.**

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

# Teacher's Registration

**Who?**

Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Fall 1986.

**Undergraduate Students** — Apply for readmission at the Office of Undergraduate Admissions, lower level, North Administration Building (454-2734) where a registration form will be issued. See page 6 for Spring 1987 registration procedures.

**Graduate students** — Check with Graduate School, Room 2125 South Administration Building, 454-4004, to determine eligibility. See page 7 for Spring 1987 registration procedures for all Graduate Students.

Dates: October 28, 1986-January 7, 1987.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2017. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2015.

The **FIRST EDITION** of the Schedule of Classes should be used only **DURING EARLY REGISTRATION.** As they occur, revisions will be posted on the 1st Floor of the North Administration Building.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, North Administration Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

# The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, Georgetown University, George Washington University, Howard University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations:

## A. Procedure for UMCP Students

**Eligible Graduate Students**

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

**Eligible Undergraduate Students**

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

**Registration for UMCP Students**

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades will be received in the University of Maryland's Records Office and automatically recorded on the student's permanent record. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

## B. Procedures for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, January 26, 1987 for the Spring 1987 semester.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 31 "How to Read Course Listings". **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 454-2336 at the Registrations Center.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

### Dates Classes Begin for Consortium Schools

| | |
|---|---|
| American University | January 20 |
| Catholic University | January 15 |
| George Washington University | January 9 |
| Georgetown University | January 14 |
| Howard University | January 8 |
| Gallaudet University | January 16 |
| Mount Vernon College | Winter: January 5<br>Spring: March 3 |
| Trinity College | January 13 |
| University of the District of Columbia | January 15 |
| University of Maryland | January 26 |

# Deadlines

## Summary of Spring Semester 1987 Deadlines

| Type of Change | Last Day to Process Change |
|---|---|
| ADD A COURSE | February 6 |
| CANCEL REGISTRATION for Spring 1987 | January 23 |
| CANCEL RESIDENT LIFE ON-CAMPUS HOUSING without financial obligation | December 29 |
| CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes | see Penalties for Drops on this page |
| change CREDIT LEVEL | February 6 |
| DROP A COURSE — UNDERGRADUATE STUDENT without "W" mark | February 6 |
| DROP A COURSE — UNDERGRADUATE STUDENT with "W" mark (4 credit drop limit) ($2.00 fee) | April 10 |
| DROP A COURSE — GRADUATE STUDENT (Graduate student does not receive a "W") ($2.00 fee Sept. 16-Nov. 10) | April 10 |
| DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only) | See Penalties for Drops on this page |
| change GRADING OPTION | February 6 |
| GRADUATE MAIL-IN REGISTRATION | January 7 |
| apply for May 1987 GRADUATION | February 6 |
| process a LATE REGISTRATION | February 6 |

**LAST DAY TO WITHDRAW FROM ALL COURSES**

| | |
|---|---|
| WITHDRAW WITH 100% REFUND (CANCEL) | January 23 |
| WITHDRAW WITH 80% REFUND | February 6 |
| WITHDRAW WITH 60% REFUND | February 13 |
| WITHDRAW WITH 40% REFUND | February 20 |
| WITHDRAW WITH 20% REFUND | February 27 |
| WITHDRAW WITH 0% REFUND | May 14 |

GO TO ROOM 1101 NORTH ADMINISTRATION TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

**SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., FEBRUARY 6, 1987**

## Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY JANUARY 23.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

**To Cancel Your Registration on or before January 23:**

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130.
   North Administration Bldg., University of Maryland
   College Park, Maryland 20742

Since the University can honor only those requests for cancellation which are actually received by January 23, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registrations Office, 454-2336.

## Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, JANUARY 23 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less*, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more*, the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, JANUARY 26-30, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

FEBRUARY 9 AND AFTER — $2.00 fee is assessed for *each* drop processed (to be billed).

This applies to both graduate and undergraduate students.

**Refund Schedule for Dropping Courses**
**Graduate Students and Part-Time Undergraduates**

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 23 or earlier (prior to the first day of classes).....100% refund
   There will be no charge for courses *dropped* prior to this date.
2. January 26-30 (first five days of classes).....80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. February 2 and after.....0% refund
   Student will incur full charge for courses *dropped* during this period.
4. February 9 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

## Candidates for May 1987 Graduation

Both graduate students and undergraduate students must file an application for graduation in the Registration Office by February 6, 1987. Applications are available at the Registration Office Counter, 1st Floor Lobby, North Administration Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of graduation fees. Graduation fees are due payable when billed.

## Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely Petition. The deadline for meeting all requirements for in-state status and for submitting all documents for reclassification is the last day of late registration for the semester you wish to be classified as an in-state student.

**Deadlines**

Spring 1987.....February 6, 1987

It is imperative that students who wish to request a review of their eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a request for redetermination and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous determination must be paid. If the determination is changed, any excess fees and charges will be refunded. It is to your advantage to apply early.

Petitions for review of eligibility, related documents and questions concerning the policy of the University of Maryland for the determination of in-state status should be directed to the following offices:

Residency Office
Room 1116
Francis Scott Key Hall
454-3977

## In-State Students

Notice to students classified as in-state for admission, tuition and charge-differential purposes. Please be aware that it is your responsibility to notify the proper office listed above in writing within 15 days of any change in your cirumstances which might in any way affect your classification for admission, tuition and charge-differential purposes at the College Park Campus.

# Financial Information

## Tuition, Fees and Other Expenses

**ALL STUDENTS WHO REGISTER FOR THE SPRING SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.**

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, guaranteed student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the South Administration Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 454-4832.

**CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.**

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustments, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. Payments by telegram should also include social security number.

**Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester.** In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full. No reimbursement will be made on meals not served during severance.

**Severance Fee:** $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The State has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

**Collection Costs** incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer all past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NO GRADE ISSUED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

## Mandatory Fees

**The Auxiliary Facilities Fee:** Refundable upon withdrawal. $12.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $6.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle buses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
**The Student Activities Fee:** Refundable upon withdrawal. $14.00 — Charged to all Full-Time Undergraduates. Part-time Undergraduates are charged a fee of $8.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
**The Athletic Fee:** Non-refundable. $40.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $11.00. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
**The Student Health Fee:** Non-refundable. $14.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $7.50. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescriptions, etc.) are due **when received.**
**The Shuttle Bus Fee:** Non-refundable. $10.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $5.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
**The Student Union and Recreational Fee:** Non-refundable. $32.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $15.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
**The Registration Fee:** Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

## Other Fees

**Payment of Fees:** All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
**Undergraduate Application Fee:** $20.00 — Charged to all new Undergraduate Students. Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.
**Graduate Application Fee:** $20.00 Required of all students.
**Pre-College Orientation Program Registration Fee:** $50.00 (two day program) $15.00 (one parent)
$35.00 (one day program) $25.00 (two parents)
**Late Application Fee:** $25.00
**Late Registration Fee:** $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.
**Special Fee for students requiring additional preparation in Mathematics, English or Chemistry:** MATH 001 — $110; CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)
A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 001 or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
**Cooperative Education Program in Liberal Arts and Business (CO-OP 208-209):** $30.00 each
**Engineering CO-OP Program (ENCO 408-409):** $30.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
**Change of Registration Fee:** $2.00 for each course dropped or added after February 6, 1987. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).
**Transcript of Record Fee:** $2.00 each copy
**Special Examination Fee:** $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 24 for definition of full-time and part-time graduate status.)
**Vehicle Registration Fee:** Commuters $10.00, Campus Residents $13.00 for first vehicle and $10.00 for each additional vehicle in accordance with published regulations. Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
**Textbooks and Supplies:** Textbooks and classroom supplies vary with the course pursued, but will average $125.00 per semester.
**Service Charges for Dishonored Checks:** Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $50.00: $5.00
For checks from $50.01 to $100.00: $10.00
For checks over $100.00: $20.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made.
When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
**Library Charges:** $.35 — Fine for failure to return a book from General Library before expiration of loan period: per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of a book, satisfactory restitution must be made.
**Motor Vehicle Penalties:** These are described in Traffic Rules and Regulations.
**Property Damage Charge:** Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be prorated among the individuals involved.
**Severance Fee:** $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severance Fee added to their account. In order to have services restored, the student's account must be settled in full.
**Graduation Application Fee for Bachelor's Degree:** $15.00, **Master's Degree:** $25.00, **Doctor's Degree:** $50.00
These charges are one-time, non-refundable fees, and must be paid in the semester that the graduation application is first submitted.

## Fees for Spring Semester 1987

**An Important Fee Notice.** Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

**General Fees[1] (*Includes mandatory fees)**

| | |
|---|---|
| [1]Full-Time Undergraduate Students, Maryland Residents | **800.50** |
| [1]Full-Time Undergraduate Students from District of Columbia, other states and other countries | **2,238.50** |

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$77.00** per credit hour.

| Credit Hours | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| *Cost | 134.50 | 211.50 | 288.50 | 365.50 | 442.50 | 519.50 | 596.50 | 673.50 |

*Includes all mandatory fees.

— GRADUATE IN-STATE STUDENTS — $92.00 per credit hour.[2]

| Credit Hours | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Cost | 141.50 | 233.50 | 325.50 | 417.50 | 509.50 | 601.50 | 693.50 | 785.50 | 906.50 | 998.50 | 1090.50 | 1182.50 | 1274.50 |

*Includes all mandatory fees.

— GRADUATE OUT-OF-STATE STUDENTS — $163.00 per credit hour.[2]

| Credit Hours | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Cost | 212.50 | 375.50 | 538.50 | 701.50 | 864.50 | 1027.50 | 1190.50 | 1353.50 | 1545.50 | 1708.50 | 1871.50 | 2034.50 | 2197.50 |

* Includes all mandatory fees

| | | |
|---|---|---|
| Board (19 Meal Plan) | | 812.50 |
| Board (15 Meal Plan) | | 757.50 |
| Board (10 Meal Plan) | | 700.00 |
| Board (Point Plan) | | 757.50 |
| Board (D.S. Cash)[4] | | |
| Room, University Residence Hall, Maryland Residents/Non Residents | | 983.00 |
| Vehicle Registration Fee (one car — valid through August 1987) | Resident | 13.00 |
| | Commuter | 10.00 |
| Each additional car (valid through August 1987) | | 10.00 |
| Special Mathematics Fee (MATH 001) | | 110.00 |
| Special Chemistry Fee (CHEM 001) | | 70.00 |
| Special English Fee (ENGL 001) | | 100.00 |
| Special Engineering COOP Fee (ENCO 408) or (409) | | 30.00[3] |
| Special COOP Fee (COOP 208) or (209) | | 30.00[3] |
| Continuous Registration Fee (Doctoral Candidates) | | 10.00 |
| Late Registration Fee (beginning January 26) | | 20.00 |
| Schedule Adjustment Fee (effective on or after February 9) | | 2.00 |
| Graduation Application Fee for Bachelor's Degree | | 15.00 |
| Graduation Application Fee for Master's Degree | | 25.00 |
| Graduation Application Fee for Doctoral Degree | | 50.00 |
| Credit by Exam Fee | | |
| All Undergraduate and Full-Time Graduate Students (per course) | | 30.00 |
| Part-Time Graduate Students (per credit hour) | | See above |
| Audit courses are charged the same as a course taken for credit. | | |
| Maryland English Institute — Intensive | | 1,856.00 |
| Maryland English Institute — Semi-Intensive Program | | 928.00 |
| Maryland English Institute — Pronunciation Program | | 175.00 |
| Orientation Fees: | | |
| Student One Day | | 35.00 |
| Student Two Days | | 50.00 |
| One Parent | | 15.00 |
| Two Parents | | 25.00 |

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL-TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.
[4]D.S. CASH ACCOUNTS AVAILABLE — INQUIRE AT CONTRACT OFFICE (X2906).

## Billing Information

Bills for payment of fees are mailed in December 1986 to students who have registered for courses for Spring 1987. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN JANUARY 13, 1987 BY ALL REGISTERED STUDENTS.** Accounts not paid by January 13, 1987 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, South Administration Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, South Administration Building, at any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.
**Students who register after January 9, 1987 will be required to make full payment in person to the cashier by the close of business the following working day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.**

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the South Administration Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event that such third party fails to honor its agreement, the University reserves the right to bill the students directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

## Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.
**Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by January 13, 1987. Students who register after January 9, 1987 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 26, 1987.**

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

## Tuition Waiver Policy

### (Employee Spouse and Dependent)

The University Board of Regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be hand carried to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student and should be maintained.

Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Department. If the student registers or adds additional courses after January 9, 1987, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

**ALL FORMS MUST BE SUBMITTED BY JANUARY 26, 1987.**

If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

## Financial Aid Information

**FINANCIAL AID CHECKS WILL BE DISBURSED BY APPOINTMENT ONLY. THERE WILL BE NO EXCEPTIONS.**

Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor **before** taking such action.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Previously registered students' bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. NDSL's will be ordered in checks. Students may pick up their financial aid checks after securing at least 12 credits and an appointment. Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Spring bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants, or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately five to six weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Guaranteed Loan checks may be picked up at the Office of the Bursar, Room 1103, South Administration Building. Before a check can be distributed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to student as work is performed.
6. Dining Hall Workships (and other University Workships) will be credited to bill as designated in award letter.
7. College Work Study and other University student employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A NATIONAL DIRECT STUDENT LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan credit cannot be posted to the student's account nor a check disbursed if the student has not turned in these forms.

   Deferments for repaying NDSL loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. All students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal. Aid will be prorated based on attendance. Those considering a second withdrawal may not be eligible for aid the subsequent semester.
10. The University will only make adjustments to financial aid awards (due to an increase in the credit hours taken to maintain the required 12 credit hours) until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

## Guaranteed Student Loan (GSL) Information

The normal processing time for a GSL application is 4 to 6 weeks. In order for your GSL check to be available by the Spring 1987 semester payment due date, you should submit your loan application to the Office of Student Financial Aid by December 1, 1986. Pending GSL applications and promissory notes may not be substituted in lieu of payment. The University does not have a deferred payment program and payments for students who registered early for the Spring 1987 semester are due on or before January 13, 1987.

# Withdrawal from the University

## Procedures

**Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence and/or a Meal Plan below.**

**January 26 or later**

1. All students should report to Room 1101, North Administration Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Registration, Health, Athletic, Shuttlebus and Student Union and Recreation Fees are not refundable. A base figure of $698.50 for resident students and $2,136.50 for non-resident students is used in computing the amount of the credit adjustment after January 23. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, South Administration Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

**Dates for Refund of Tuition for Withdrawal from All Courses***

| | | *Resident* | *Non-resident* |
|---|---|---|---|
| On or before January 23 | 100% | $800.50 | $2,238.50 |
| January 26-February 6 | 80% | 558.80 | 1,709.20 |
| February 9-13 | 60% | 419.10 | 1,281.90 |
| February 16-20 | 40% | 279.40 | 854.60 |
| February 23-27 | 20% | 139.70 | 427.30 |
| March 2 and later | 0% | 0.00 | 0.00 |

*Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

## Meal Plan Rates 1986-87* + Credit Adjustment

| *Week #* | *Fall '86* | *Spring '87* | *19* | *15* | *10* | *Point* | *Suite Point* |
|---|---|---|---|---|---|---|---|
| 1 | 8/31- 9/6 | 1/25- 1/31 | $812.50 | $757.50 | $700.00 | $757.50 | $400.00 |
| 2 | 9/7 - 9/13 | 2/1 - 2/7 | 761.72 | 710.16 | 656.25 | 712.66 | 377.50 |
| 3 | 9/14- 9/20 | 2/8 - 2/14 | 710.94 | 662.82 | 612.50 | 667.82 | 355.00 |
| 4 | 9/21- 9/27 | 2/15- 2/21 | 660.16 | 615.48 | 568.75 | 622.98 | 332.50 |
| 5 | 9/28-10/4 | 2/22- 2/28 | 609.38 | 568.14 | 525.00 | 578.14 | 310.00 |
| 6 | 10/5 -10/11 | 3/1 - 3/7 | 558.60 | 520.80 | 481.25 | 533.30 | 287.50 |
| 7 | 10/12-10/18 | 3/8 - 3/14 | 507.82 | 473.46 | 437.50 | 488.46 | 265.00 |
| | | Spring Break | | | | | |
| 8 | 10/19-10/25 | 3/22- 3/28 | 457.04 | 426.12 | 393.75 | 443.62 | 242.50 |
| 9 | 10/26-11/1 | 3/29- 4/4 | 406.26 | 378.78 | 350.00 | 398.78 | 220.00 |
| 10 | 11/2 -11/8 | 4/5 - 4/11 | 355.48 | 331.44 | 306.25 | 353.94 | 197.50 |
| 11 | 11/9 -11/15 | 4/12- 4/18 | 304.70 | 284.10 | 262.50 | 309.10 | 175.00 |
| 12 | 11/16-11/22 | 4/19- 4/25 | 253.92 | 236.76 | 218.75 | 264.26 | 152.50 |
| 13 | 11/23-11/26 | 4/26- 5/2 | 203.14 | 189.42 | 175.00 | 219.42 | 130.00 |
| | Thanksgiving | | | | | | |
| 14 | 11/30-12/6 | 5/3 - 5/9 | 152.36 | 142.08 | 131.25 | 174.58 | 107.50 |
| 15 | 12/7 -12/13 | 5/10- 5/16 | 101.58 | 94.74 | 87.50 | 129.74 | 85.00 |
| 16 | 12/14-12/20 | 5/17- 5/23 | 50.80 | 47.40 | 43.75 | 84.90 | 62.50 |

**Calculation:**

19 Meal Plan = $50.78 × number of weeks + 2 cents.
15 Meal Plan = $47.34 × number of weeks + 6 cents.
10 Meal Plan = $43.75 × number of weeks.
Point Meal Plan = $44.84 × number of weeks + 6 cents plus $40.00 base.
Suite Point Meal Plan = $22.50 × number of weeks plus $40.00 base.

$40.00 = Cancellation Charge
$40.00 = Capital Construction Charge

* The Meal Plan Rate Table also identifies the adjustment credit for cancellation of the meal contract. This credit will be in the amount identified for the first complete week after the cancellation has been approved by the Department of Dining Services.

## Cancellation of Residence Halls and/or a Meal Plan

Charges for Room and Board are not refundable unless the student officially withdraws or is dismissed from the University and effectively completes **Residence Halls and/or Dining Services release procedures.** When the student completes the residence hall release procedures, charge adjustment will be computed based upon the requested release date and/or the date procedures for checking out of a room assignment are completed. Credits for housing services are made on a pro rata weekly basis.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

1. In order to receive a credit adjustment for the unused portion of a Resident Life or Dining Service Agreement, a student must notify those offices in writing (Certified Mail suggested) or in person during regular university hours.
2. The Dining Service I.D. Card must be turned in to the Dining Service Business Offices or $15.00 fine will be incurred.
3. A student who requests cancellation of his/her Dining Services Agreement must have the approval of the Department of Dining Services. If approved, there will be a $40.00 charge for cancelling the contract in addition to the prorated charge for meals.
4. The addresses of the Resident Life Department and Dining Services Office follow:

   Assignments Office
   Department of Resident Life
   Room 3117
   North Administration Building
   College Park, MD 20742

   Contract Office
   Dining Services
   Room 0144
   South Campus Dining Hall
   College Park, MD 20742
5. Resident Life credit adjustments are based upon the date written notice of cancellation is received by Resident Life, and the checkout date from the residence hall and in accordance with the applicable procedures outlined in the Residence Halls Agreement. No credit adjustments may be processed after the fourteenth week of classes in a semester.

## On-Campus Housing Credit Adjustment Schedule

| *Date Cancellation Notice Received by Resident Life* | *Financial Obligation To Resident Life* |
|---|---|
| December 29 or before | No financial obligation |
| December 30-January 4 | 1 week's housing = $ 61.44 |
| January 5-11 | 2 weeks' housing = $122.88 |
| January 12-18 | 3 weeks' housing = $184.31 |
| January 19 and prior to check-in | 4 weeks' housing = $245.75 |
| After check-in | Consult Residence Halls Agreement |

**On-Campus Weekly Housing Charges 1986-87**

| Week Entered/Leaving Residence Halls | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Entered — Amount Charged | $983.00 | 921.56 | 860.13 | 798.69 | 737.25 | 675.81 | 614.38 | 552.94 | 491.50 | 430.06 | 368.63 | 307.19 | 245.75 | 184.31 | 122.88 | 61.44 |
| Leaving — Amount Credited* | $921.56 | 860.12 | 798.68 | 737.25 | 675.81 | 614.37 | 552.93 | 491.50 | 430.06 | 368.62 | 307.18 | 245.75 | 184.31 | 122.87 | ** | ** |

* Amount credited for a resident who departs his/her room assignment after written notice has been received by Resident Life four weeks before the actual departure date.
** No credits will be made after the fourteenth week of classes.

## Refund Requests

**To Obtain A Refund:** To obtain a refund of a credit balance, a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request for refund form available at the Student Counter, 1103 South Administration Building and Records or Registrations Office, North Administration Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately five to six weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the address requested by the student on the refund form. Refund checks will not be mailed to a campus address.

## Refunds for Special Courses

**CHEM 001, COOP 208/209, ENCO 408/409, ENGL 001, MATH 001 — Refunds:** A part-time or full-time undergraduate who drops MATH 001, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 208, 209, or ENCO 408, 409 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Adelphi

All the Extras
for Nothing Extra

# OAKTON APARTMENTS

Wall-to-wall Carpeting
Spacious Rooms
Newly Remodeled Kitchens
Swimming Pool
Wooded Grounds
Solid Construction
Minutes to
University of Maryland
Close to Metro, School,
Shopping & Churches

ALL UTILITIES INCLUDED

## 434-4303

1, 2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: Capitol Beltway to Exit 28-B (New Hampshire) to second light (Adelphi Rd.) left on Adelphi. Proceed 1½ blocks to rental office at 9408 Adelphi.

Management by Dreyfuss

Silver Spring

Live in the Quiet Seclusion Of

# GREENWICH WOODS

Wall-To-Wall Carpeting
Washer/Dryer
Fully Equipped Kitchens
Large Ranch Rooms With
Bay Windows
Beautifully Landscaped
Community w/swimming
pool & playground
HBO Available.

NEAR: Beltway, Schools, Churches, Metro, Shopping & University of Md.

## 434-0025

1, 2, 3 Bdrm. Apts.
Some w/Dens

Open Daily 9-6,
Sunday 12-5

Directions: Take Capitol Beltway to New Hampshire Ave. (Exit 28-B). Proceed to 1st traffic light. Turn left on Oakview Dr. 1 block to Greenwich Woods.

Quality Built by Artery Org.
Management by Dreyfuss

# General Information

## Final Examination Schedule Spring Semester 1987

Final examinations for the Spring Semester will be given in the regular classrooms according to the following time schedule, which is arranged on the basis of the time of the lectures in most classes. Please note Sections 1, 2 and 3 below concerning final examinations for certain courses.

| *Examination Time* | *Classes Scheduled* |
|---|---|
| **May 16, Saturday** | |
| 8:00-10:00 | MWF 10 |
| 10:30-12:30 | MWF 3 |
| 1:30- 3:30 | BMGT 310, 422, ZOOL 101, 202 |
| 4:00- 6:00 | BMGT 311, 424 ENES 110, 220 HLTH 150 SPAN 204 |
| **May 18, Monday** | |
| 8:00-10:00 | MWF 9 |
| 10:30-12:30 | TuTh 8 |
| 1:30- 3:30 | MATH 001, 102, 103, 104, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246 STAT 100 |
| 4:00- 6:00 | BMGT 220, 340 GERM 101, 102, 103, 104 |
| 7:00- 9:00 | MWF 5 and later |
| **May 19, Tuesday** | |
| 8:00-10:00 | MWF 11 |
| 10:30-12:30 | TuTh 9 |
| 1:30- 3:30 | BMGT 221, 440 CHEM 001, 103, 104 111, 113, 115, 233, 243 |
| 4:00- 6:00 | ASTR 100 ECON 203 |
| 7:00-9:00 | TuTh 5 and later |
| **May 20, Wednesday** | |
| 8:00-10:00 | MWF 1 |
| 10:30-12:30 | TuTh 2 |
| 1:30- 3:30 | BMGT 350 CMSC 103, 112, 113 FREN 101, 102, 103, 104 |
| 4:00-6:00 | BMGT 332 ECON 201 |
| 7:00-9:00 | BMGT 364 PHYS 262, 263 SLAV 101, 102 |
| **May 21, Thursday** | |
| 8:00-10:00 | MWF 2 |
| 10:30-12:30 | TuTh 11 |
| 1:30- 3:30 | BMGT 301, 302 EDMS 451 PSYC 100 |
| 4:00- 6:00 | TuTh 4 |
| 7:00- 9:00 | BMGT 230 ECON 430 ITAL 101, 102 PHYS 121, 161 |
| **May 22, Friday** | |
| 8:00-10:00 | MWF 12 |
| 10:30-12:30 | TuTh 12 |
| 1:30- 3:30 | BMGT 360 ENES 221 |
| 4:00- 6:00 | MWF 4 |
| **May 23, Saturday** | |
| 8:00-10:00 | MWF 8 |
| 10:30-12:30 | TuTh 3 |
| 1:30- 3:30 | TuTh 1 |
| 4:00- 6:00 | TuTh 10 |

1. Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

ASTR 100
BMGT 220, 221, 230, 301, 302, 310, 332, 340, 350, 360, 364, 422, 424
CHEM 001, 103, 104, 111, 113, 115, 233, 243
CMSC 103, 112, 113
ECON 201, 203, 430
EDMS 451
ENES 110, 220, 221
FREN 101, 102, 103, 104
GERM 101, 102, 103, 104
HLTH 150
ITAL 101, 102
MATH 001, 102, 103, 104, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
PHYS 121, 161, 262, 263
PSYC 100
SLAV 101, 102
SPAN 204
STAT 100
ZOOL 101, 202

2. Final examinations for courses scheduled for 75-minute periods on Tuesday and Thursdays, exclusive of the courses listed in Section 1 above, will be given according to the following schedule:

| Class Scheduled | | Examination Time | |
|---|---|---|---|
| Tu Th 8:00- 9:15 | Monday | May 18 | 10:30 a.m.-12:30 p.m. |
| Tu Th 9:30-10:45 | Tuesday | May 19 | 10:30 a.m.-12:30 p.m. |
| Tu Th 11:00-12:15 | Thursday | May 21 | 10:30 a.m.-12:30 p.m. |
| Tu Th 12:30- 1:45 | Friday | May 22 | 10:30 a.m.-12:30 p.m. |
| Tu Th 2:00- 3:15 | Wednesday | May 20 | 10:30 a.m.-12:30 p.m. |
| Tu Th 3:30- 4:45 | Saturday | May 23 | 10:30 a.m.-12:30 p.m. |

3. Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in Sections 1 & 2 above, but are given instead according to the schedule listed below, and are subject to the general guidelines outlined in Notes A, B, & C. The rooms in which these examinations will be held will be announced in class.
   A. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.
   B. Examination times for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
   C. Examination times for all BMGT courses numbered 600 and above exclusive of those governed by notes A & B above are based on the time the course normally meets.

| *Examination Time* | *Classes Scheduled* |
|---|---|
| **May 16, Saturday** | |
| 9:00-12:00 | BMGT 671 |
| **May 18, Monday** | |
| 9:00-12:00 | BMGT 640 MW 9:00-10:15 |
| 4:00- 7:00 | M 4:00- 6:40 |
| 7:00-10:00 | M 6:00- 8:40 M 6:30- 9:10 M 7:00- 9:40 |
| **May 19, Tuesday** | |
| 9:00-12:00 | BMGT 611 TuTh 9:30-10:45 TuTh 11:00-12:15 |
| 12:00- 3:00 | BMGT 690 Tu 11:00- 2:00 TuTh 12:30- 1:45 |
| 4:00- 7:00 | Tu 3:30- 6:10 Tu 4:00- 6:40 |
| 7:00-10:00 | Tu 6:30-9:10 Tu 7:00- 9:40 |
| **May 20, Wednesday** | |
| 9:00-12:00 | BMGT 631 |
| 12:00- 3:00 | BMGT 661 MW 1:30-2:45 |
| 4:00- 7:00 | MW 3:30-4:45 |
| 7:00-10:00 | W 4:00-6:40 W 4:20-7:00 W 5:00-7:40 W 7:00-9:40 |
| **May 21, Thursday** | |
| 9:00-12:00 | BMGT 672 TuTh 12:30-1:45 |
| 12:00- 3:00 | TuTh 2:00-3:15 |
| 4:00- 7:00 | BMGT 620 TuTh 3:30-4:45 Th 4:00-6:40 |
| 7:00-10:00 | Th 5:00-7:40 Th 7:00-9:40 |

## I. Academic Dishonesty

### A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

**Comments:**
1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

### B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

**Comments:**
1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

### C. FACILITATING ACADEMIC DISHONESTY

Internationally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

### D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

**Comments:**
1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's, *A Manual for Writers of Term Papers, Thesis and Dissertations).*
2. *Paraphrase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
   A footnote acknowledging only a directly quoted statement does not suffice to notify the reader of any preceding or succeeding paraphrased material.
3. *"Borrowed Facts or Information:* Information obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

**ACADEMIC DISHONESTY IS A SERIOUS OFFENSE WHICH FREQUENTLY RESULTS IN SUSPENSION OR EXPULSION FROM THE UNIVERSITY**

**TO REPORT ACADEMIC DISHONESTY DIAL 454-4746 AND ASK FOR THE "CAMPUS ADVOCATE"**

**STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN ACADEMIC DISHONESTY HEARING", AVAILABLE IN THE JUDICIAL PROGRAMS OFFICE (454-2927)**

## Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, South Administration Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

## Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

## Commencement Honors

Honors for excellence in scholarship are determined by the highest 2% Summa Cum Laude, the next 3% Magna Cum Laude, and the following 5% Cum Laude of the G.P.A.'s of the preceding three graduating classes of each degree granting unit. To be eligible for this recognition, a total of at least 60 semester credits earned at the University of Maryland is required. Of these 60 credits, at least 30 credits must have been earned at the College Park campus. No student with an average less than 3.00 will be considered. (The computation of the average does not include grades for courses taken during the last semester of registration before graduation, although the hours earned for that semester will apply toward the 60-hour requirement.)

## Computer Science Center

Non-Credit Short Courses (Spring 1987)

Attend a *free* "Introduction to the Computer Science Center." One-hour orientation to the Computer Science Center seminar for new and potential computer users. No need to register; held during February. Look for dates and times in the Diamondback.

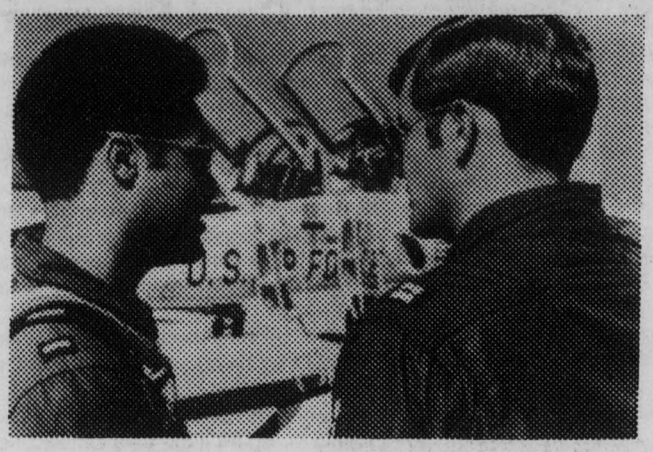
The Computer Science Center and Computer Science Department will hold their Spring 1987 series of non-credit computer short courses beginning in February. These courses are designed to provide an opportunity for the University of Maryland community to gain familiarity with the use of computers. Call the Program Library, X4261 for more information.

## Disabled Student Services

Special assistance is available for students with disabilities. Among the services offered are: assistance with registration, reader services, interpreter services, and classroom accessibility information. Students should contact the D.S.S. office at the earliest possible opportunity prior to the registration period so that services can be arranged in advance.

454-5028 (voice)
454-5029 (TDD)

Contact the Disabled Student Service Office in the Counseling Center, Shoemaker Hall, Room 0126, 8:30 to 4:30 Monday through Friday.



## WHAT TO DO AFTER COLLEGE. . .

. . . is a question a lot of young people in high school and college are asking. Then, even if you get the finest college degree, where can you use it meaningfully?

Perhaps the answer lies in becoming an Air Force officer through Air Force ROTC. We have many different career areas in which specialists of all kinds are needed. And as an Air Force commissioned officer you can have unequaled opportunity for leadership and management experience, plus an excellent starting salary and benefits package.

Consider Air Force ROTC as a gateway to a great way of life for you. Find out about the benefits of a four, three or two-year scholarship that pays $100 a month, tuition, book costs and lab and incidental fees. Coupie that with what will be waiting after graduation, and you have the answer to what you've been looking for.

**Contact Capt. Chet Wilson 454-3242**

**AIR FORCE ROTC**

LEADERSHIP EXCELLENCE STARTS HERE

**We've got the Sports from "A"to "Z"**

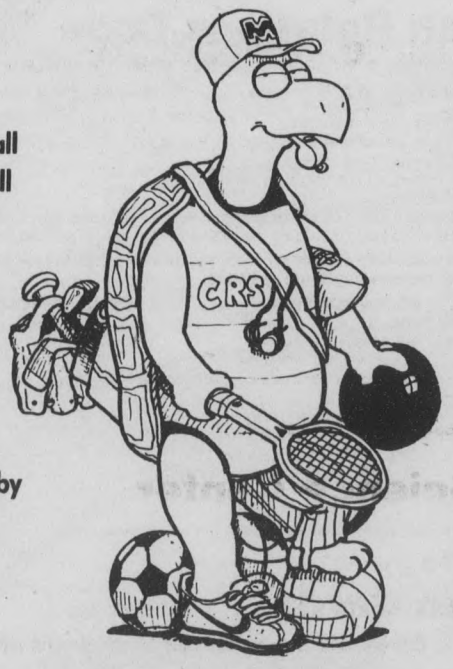
**("B" to "W" anyway!)**

## Campus Recreation Services

(formerly Intramural Sports & Recreation)

**Different Name, Same Great Activities!**

Badminton
Basketball
Bowling
Coed Basketball
Coed Volleyball
Cross Country
Fencing
Flag Football
Floor Hockey
Foul Shooting
Golf
Handball
Home Run Derby
Horseshoes
Ice Hockey
Indoor Soccer
Martial Arts




One-on-One Basketball
One-Pitch Softball
Outdoor Soccer
Racquetball
Rugby
Sailing
Softball
Swimming & Diving
Table Tennis
Track & Field
Trail Expeditions
Tennis
Ultimate Frisbee
Volleyball
Water Polo
Weightlifting
Wrestling

**Campus Recreation Services**

**Armory — 1104**
**454-3124**

**REC-CHECK**
**454-5454** (24 hrs.)

Silver Spring

5% Student Discount
on 3 bedroom apts.

# THE POINT APARTMENTS

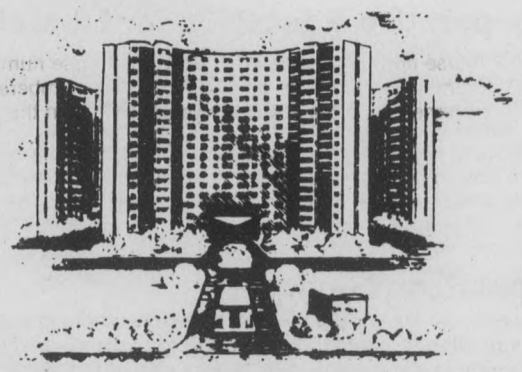
All Adult Community
Minutes from Campus
Spacious Rooms
24 hr. Courtesy Patrol
24 hr. Maintenance
Larger than Olympic Size Pool
Tennis Courts/
Basketball Courts
Valet in Every Building
Convenience Store/Deli
Food Delivery on Premises
Public Transportation in Front
Close to Metro
HBO Available
Parkay Floors or
Wall to Wall Carpet Available
ALL UTILITIES INCLUDED

## 593-2700

Eff., 1, 2 & 3 Bedroom Apartments

Open Daily 9-5
Saturday 10-5
Sunday 1-5

THE POINT
*An All Adult Community*



11215 OAKLEAF DRIVE, SILVER SPRING, MD
*(Just off Rte. 29)*

DIRECTIONS: Beltway, 495 to 29N, toward Columbia. Approx. 2½ miles, turn right on Oakleaf Dr., left onto the property.

Management by Krupp Asset Management

Equal Housing Opportunity

# Emergency Weather Conditions

**Code GREEN** — Campus is open. All classes will start on time.

**Code YELLOW** — Campus opens two hours late. All classes scheduled to start prior to 10:00 a.m. are cancelled.

**Code ORANGE** — All classes are cancelled.

**Code RED** — The campus is closed. All classes are cancelled and all offices are closed.

## Stations Designated to Broadcast Emergency Condition Reports

| *Radio Station* | *Frequency* | *Location* | *TV Station* | *Channel* | *Location* |
|---|---|---|---|---|---|
| WTOP | 1500 AM | D.C. Area | WRC | 4 | D.C. Area |
| WRC | 980 AM | D.C. Area | WJLS | 7 | D.C. Area |
| WMAL | 630 AM | D.C. Area | WDVM | 9 | D.C. Area |
| WCLY | 95.5 FM | D.C. Area | WMAR | 2 | Baltimore Area |
| WGMS | 103.5 FM | D.C. Area | WJZ | 13 | Baltimore Area |
| WBAL | 1090 AM | Baltimore Area | WBAL | 11 | Baltimore Area |
| WCAO | 600 AM | Baltimore Area | | | |

# Engineering Jobs Hotline — 454-7676

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call **454-7676.**

# Experiential Learning Programs

0119 Hornbake Undergraduate Library, 454-4767

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, provide valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

## Internships

An internship is a paid or unpaid work experience with specific educational objectives that can be granted academic credit. Students can use extensive ELP listings, which include more than 1700 opportunities in more than 900 organizations, businesses and agencies to identify possible internships. Directories and catalogues are also available in the ELP office which describe hundreds of other local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

**Internship Credit Policies for ___ 386 / ___ 387**

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship courses ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The following are Campus Senate Policies regarding ___ 386 / ___ 387:

- ___ 386 and ___ 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a departmental option and in accordance with departmental requirements and internship policies.
- ___ 386 and ___ 387 must be taken concurrently.
- ___ 386 and ___ 387 may be taken for a letter grade or pass-fail.
- ___ 386 and ___ 387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ___ 386 and ___ 387 may be taken only once in a given department.
- ___ 386 and ___ 387 may be taken in only one department per semester.
- ___ 386 and ___ 387 may be taken for a maximum of 24 credits in an undergraduate program.

**Mandatory Learning Proposals**

Learning Proposals, which can be obtained in the ELP office, are **mandatory** for all students taking ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors, no later than the third week of the semester. If the Learning Proposal is not completed, the student may have his/her ___ 386 / ___ 387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ___ 386 / ___ 387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

## Cooperative Education for Liberal Arts and Business

Cooperative Education is the most intensive form of experiential learning. Students alternate two semesters of full-time paid employment with semesters of full-time study. Some part-time co-op opportunities are also available. Co-op employees include hundreds of agencies within the federal government and leading private organizations. Most co-op students are then offered permanent positions after graduation. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

## Volunteer Service

Students can learn while being of service to others as a student volunteer. The ELP office lists opportunities for community and public service in a variety of settings. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience.

## National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 75 participating public colleges and universities across the country. UMCP students pay Maryland tuition and fees and exchange with a student wishing to come to College Park for a semester or a year. NSE offers the opportunity to explore new geographical settings, experience academic diversity, and study under different educational and social circumstances in various parts of the U.S.

# Golden Identification Card Program

The College Park campus participates in the University of Maryland's Golden Identification Card Program. The campus makes available various courses and services to persons who are 60 years of age or older by the first class day, residents of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours per week). When persons eligible for this Program apply, or are newly admitted to the Program, they may register for credit courses as regular or special students in any session.

Tuition and most other fees are waived. The Golden Identification Card entitles eligible persons to certain academic services, including the use of the libraries, free admission to UMCP athletic events, as well as certain other non-academic services. Such services are available during any session only to persons who have registered for one or more courses for that session. A card is issued after registration.

Golden I.D. students also have the opportunity to become involved in the Golden I.D. Student Association which provides cultural and social events, course recommendations, and peer advising.

For further information, please contact the Registrations Office, North Administration Bldg., 454-5559, or the Golden I.D. Student Association, Room 1150 Cole Student Activities Bldg., 454-6689.

## Guidelines to Administration for Examinations and Tests on Religious Holidays

Examinations and tests. All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes tests and examinations

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations that fall on religious holidays. Examinations and tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday. An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, *religious observance* or by participating in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students require the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

# Health Center

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory, and a pharmacy. Individual and group health education programs are also available on topics such as sexual health, stress management and substance use and abuse.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis. Some problems may require referral outside the Health Center at the student's expense.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are additional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, casts, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.

# UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASES OF:

- race
- color
- creed
- sex
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- the exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If you feel you have been subjected to any form of discrimination, you may file a complaint with a member of the Human Relations Code Equity Team, which includes, but is not limited to:

**MS. GLADYS BROWN, J.D.**
Campus Compliance Officer
UMCP Human Relations Programs
1107 Hornbake Library
X4707

**MS. MAITLAND W. DADE**
Asst. to the Vice Chancellor
Office of Institutional Advancement
2101 Turner Laboratory
X4198

**MS. SHARON FRIES**
Administrative Assistant
to the Vice Chancellor
Office of Student Affairs
2108 North Administration Building
X2926

**DR. MARIE DAVIDSON**
Assistant Vice Chancellor
Office of Academic Affairs
1119 Main Administration Building
X2052

**MR. LAWRENCE WATERS**
Director of Equity Programs
Office of Administrative Affairs
1126 Main Administration Building
X4841

NOTE: For individual college or school representatives contact the appropriate office.

# Identification Cards

**New Photo Identification Cards will not be issued to students who currently have them.**

Students who registered early for the Spring 1987 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate their Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

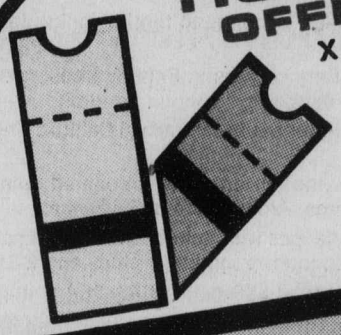
There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations (454-5365).

# WE'RE HERE FOR YOU!

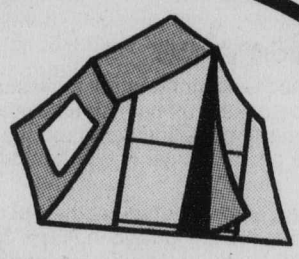
Stamp Student Union

## THE TICKET OFFICE
X2803



MON–FRI
10:00 a.m.–4:30 p.m.
SAT
9:00 a.m.–12:00 noon

## THE OUTHAUS
X2186



MON–FRI
10:30 a.m.–8:00 p.m.

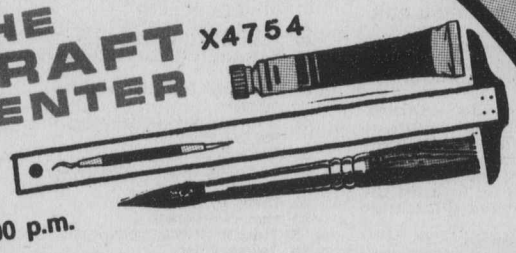
## THE RECORD COOP
X5855

MON-THUR
9:30 a.m.–9:00 p.m.
FRI
9:30 a.m.–8:00 p.m.
SAT–SUN
12:00 noon–5:00 p.m.

## THE UNION SHOP
X5928

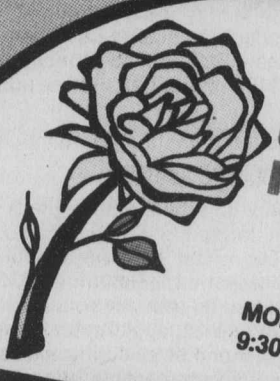
MON-THUR
7:30 a.m.-7:30 p.m.
FRI
7:30 a.m.–5:00 p.m.
SAT
11:00 a.m.–5:00 p.m.

## THE CRAFT CENTER
X4754



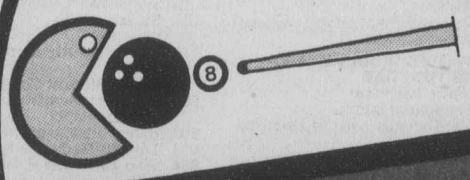
MON–THUR
11:00 a.m.–9:00 p.m.
FRI–SAT
12:00 noon –5:00 p.m.
Membership & hourly rate available

## THE UNION FLOWER SHOP
X5928



MON–FRI
9:30 a.m.–4:30 p.m.

## THE RECREATION CENTER
X2804




MON–THUR
8:00 a.m.–10:30 p.m.
FRI–SAT
10:00 a.m.–12:30 a.m.
SUN
12:00 noon–10:30 p.m.

## THE HOFF THEATER
X2594

TUES–SUN
7:00 p.m. & 9:30 p.m.
THURSDAY MATINEE
4:00 p.m.
FRI & SAT LATESHOW
12:00 midnight

# International Student Information

**F-1 Visa Students:** Students with F-1 status are responsible for maintaining the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 student status. The regulations affect areas concerning extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

**Students on Nonimmigrant Student (F-1 and J-1) Visas:** In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in Immigration regulations.

**Passports:** Your passport must be kept valid at all times for at least six months into the future.

**All Students on Immigration and Nonimmigrant Visas:** Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registrations and Records. You will be required to show proof of health insurance.

**International Students Information and Questions:** The Office of International Education Services, Room 2115, North Administration Building.

# Job Referral Service

The Job Referral Service seeks and maintains listings of available part-time, temporary, domestic and summer jobs for students from on- and off-campus employers. Any student who is currently registered for classes at the University of Maryland may use the JRS. Trained peer advisors will give you information about the job openings. It is then your responsibility to contact the prospective employer.

Employers who are seeking student employees can call the JRS at 454-2821, Monday-Friday 9:00 a.m.-4:30 p.m. to list job vacancies. We are located in Room 3120, Hornbake Building (South Wing). Students can call 454-2490 or stop by to make an appointment. During off-peak times, walk-in visits are encouraged.

# Learning Assistance Service (LAS)

Located in the University of Maryland's Counseling Center, Shoemaker Building, LAS provides academic support for undergraduate and graduate students and faculty/staff. Areas of support include mathematics, writing, reading, examination skills, introductory college level science and statistics courses, note taking, time management, grammar, spelling and vocabulary. Special programs are also offered for returning students, international students and college-bound high school students. Call X2935 for information.

# Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

# Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended. Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Campus Compliance Officer and the Acting Director of the Office of Human Relations
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for §504 of the Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

# Office of Public Service

The Office of Public Service provides information referral to outside callers interested in using the resources of any of the University's five campuses. Help is available to staff and students too. Located in the Institute for Governmental Service, 2101 Woods Hall. Hotline number: 454-3000.

# Returning Students Program

Are you 25 or over and beginning or coming back to school after a break in your formal education? If so, the Returning Students Program, located on the second floor of the Shoemaker Building in the Reading and Study Skills Lab, offers you many resources. Come and explore our extensive information and publications network. The Returning Students Program's professional counselors and returning students trained as peer advisors are available to help you. Call 454-2935 or stop by to see us. Our workshops in study skills, time management, goal setting, exam skills, and library skills are scheduled several times during each semester. EDCP 108R — a one-credit College Aims course for returning students is offered Fall and Spring semesters. This course includes exploration of academic, career, and personal goals, as well as study skill techniques and information about campus resources.

# Shuttle-UM

Shuttle-UM offers both commuter service and on-campus security service. Shuttlebus service information and schedules can be picked up at the following locations: Stamp Union Information Desk, Commuter Affairs Office in the Stamp Union, and the Shuttlebus Office in Lot 7. For information call X2255.

# Skills for Success Workshops

**Interpersonal Growth Groups**

The Counseling Center offers a skill-building workshop series entitled SKILLS FOR SUCCESS. The SKILLS FOR SUCCESS workshops are designed to help you more effectively meet the demands of your academic work, your career, and your personal relationships. The wide range of topics includes such things as **assertiveness training, career exploration and planning, study skills, time management, stress management, communication skills, and exam skills.**

The Counseling Center also offers interpersonal growth groups which are especially designed to help you increase your skills in initiating, building, and maintaining relationships. In addition, individual counseling, self-help programs, and group counseling are offered dealing with vocational, educational, emotional, social and marital concerns.

If you are interested in any of these programs, please stop by the Counseling Center in Shoemaker Building for program schedules and descriptions. Our receptionists will gladly assist you in registering for the program of your choice.

# Smoking Policy

Effective with the Spring 1986 semester, a campus wide smoking policy went into effect. The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

# Study Abroad

**Study in London —** The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

**Study in Israel —** Offers a semester of study in Israel for the Spring Semester 1986. The program includes a week long orientation in Tel Aviv and Jerusalem, a kibbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

**Study in China —** Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

**Study in Denmark —** The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

**Study in Brazil —** Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

**Summer programs —** For 1987 the following will tentatively be offered: German language in Kassel, West Germany; Architecture in Rome; Architecture in Sri Lanka.

**Maryland Exchanges —** There are exchanges with schools in China, England, Japan and Germany. All require at least 2 years of appropriate language study and a 3.0 GPA.

**FOR INFORMATION, CONTACT:** Study Abroad Office, 1113 North Administration Building, 454-8645.

# TEL-UM INFO — A Phone Service of Free Information

**QUESTIONS ABOUT UM?**

. . . Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

**Local 454-INFO / In Maryland (800) 492-0703 / Outside Maryland (301) 454-INFO**

**CALLING PROCEDURE:**

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- An operator will answer and ask which tape you wish to hear.
- State the tape number to the TEL-UM operator.
- Listen to the tape.
- If you wish to hear another tape, hang up and dial again.

**HOURS OF OPERATION**

TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule:

| | |
|---|---|
| Monday-Saturday | 8:00 a.m.-12:00 midnight |
| Sunday | 12:00 noon-12:00 midnight |

**ADMISSIONS**
1. Application process (Undergraduate students)
400. Application process (Graduate students)
2. Application for Summer Session
3. Transfer of Academic Credit
151. Transfer from MD Community Colleges

**ORIENTATION PROGRAM FOR NEW STUDENTS**
4. Maryland Preview — Orientation Service for Freshmen, Transfers and Parents of New Students
5. Maryland Preview — Orientation Application Procedures
6. Maryland Preview — Changing Your Orientation Date
7. Advisement and Registration Procedures for Students Unable to Attend Orientation Programs
8. Tours of Campus
9. Campus Activities/Events Available to New Students Prior to Enrollment
10. Campus Size — A Help or a Hindrance?
520. "First Look"

**FINANCES**
11. Student Fees (Undergraduate Students)
401. Student Fees (Graduate Students)
12. Student Fee Refunds
13. Financial Aid (Undergraduate Students)
402. Financial Aid (Graduate Students)
14. Establishing In-State Residency for Fee Purposes
15. Banking
606. Office of the Bursar/General Information

**HOUSING**
16. On-Campus Housing — Resident Life Services and Programs
17. On-Campus Housing — Maryland Residents
18. On-Campus Housing — Non-Maryland Residents
19. On-Campus Housing — Overflow
20. Off-Campus Housing — Fraternity and Sorority Boarding
403. Graduate Student Housing
21. Off-Campus Housing Service
22. Off-Campus Housing — Signing a Lease
23. Temporary Housing

**FOOD ON CAMPUS**
24. Eating on Campus
25. Board Plan Options
26. Special Board Options (Kosher, Vegetarian)

**REGISTRATIONS**
27. Early Registration
28. Registration during Orientation
29. Armory Registration
30. Changes in Registration (Drop/Add, Cancellation)
79. Student ID Cards
99. Transcript Requests

**ACADEMIC SKILLS AND ISSUES**
31. Academic Advising
32. Grading and Retention
80. Alternative Grading Options
107. Receiving a Grade of "Incomplete"
84. Academic Probation and Dismissal
83. Withdrawing from/Returning to the University
33. Choosing a Major
34. Changing a Major, College, Division
35. Credit by Examination
81. Honors Program
3. Transfer of Academic Credit
36. Taking Notes
37. Speed Reading
38. When, Where and What to Study
39. Test Anxiety
40. Tutoring Services
41. Reading and Study Skills Laboratory
82. Academic Dishonesty (Cheating, Plagiarism)
123. Academic Dishonesty II (for Faculty and Staff)
42. Special Requirements, College of Business and Management
43. Special Requirements, School of Architecture
44. Special Requirements, College of Engineering
109. Internships and Volunteer Service
121. Cooperative Education (Co-op)
44. On-Campus Opportunities in the Arts
46. Studying Abroad
47. Pre-Professional Programs and Advising
48. Library Facilities
99. Transcript Requests
112. Graduate Entrance Examinations
122. ROTC
500. Advising in Academic Divisions & Departments

**ACTIVITIES/INVOLVEMENT/OPPORTUNITIES**
110. Swim Facilities
50. Intramural Sports
51. On-Campus Leisure Opportunities
52. Fraternities and Sororities
53. Opportunities in the Arts
54. Intercollegiate Sports
85. Craft Shop (Student Union)
86. Recreation Center (Student Union)
87. Space Reservations (On-Campus)
88. Ticketron Service
96. Camping Equipment
55. Joining a Student Group
113. Resource Center for Student Organizations
89. Leadership Development Planning Team
90. Leadership Development Course
91. Leadership Workshops (Advanced)
98. Student Government
95. Alumni Association
114. Parent Association

**CAREER ISSUES**
92. Resume Preparation
93. Preparation for Employment Interviews
94. Establishing a Placement File (Credentials)
58. Career Development Services
601. Summer Jobs
602. Strategies for Researching the Hidden Job Market

**STUDENT SERVICES**
1. Admissions
15. Banks
56. Bookstore
57. Campus Activities
58. Career Development Services
116. Chapel Facilities
59. Child-Care Alternatives
60. Commuter Affairs
62. Counseling Center
63. Disabled Student Services
109, 121. Experiential Learning Center
118. Foreign Student Services
64. Health Center
65. HELP Center (Student Crisis Intervention Center)
117. Intensive Educational Development Office
115. Job Referral Service
97. Judicial Programs Office
66. Minority Support Systems
21. Off-Campus Housing
4. Orientation
41. Reading and Study Skills Laboratory
67. Religious Services
16. Resident Life
68. Returning Studens
13. Student Aid Office
69. Student Union
70. Veterans
119. Women's Programs and Services
49. Jewish Student Center
500. Advising in Academic Divisions & Departments
600. Human Relations Office
603. Campus Mediation Service
604. Who was Adele H. Stamp?

**INTERPERSONAL**
300. When Should I Seek Outside Help for Personal Problems?
301. Re-examining My Values

302. Coping with Shyness
303. Anxiety and Possible Way to Cope With It
304. How to Deal with Loneliness
305. How to Handle Fears
306. Coping with Stress
307. The Female Sex Role — Changes and Stresses
308. The Male Sex Role — Changes and Stresses
309. Death and Dying
310. Understanding Grief
311. Helping a Friend
312. Early Signs of an Alcohol Problem
313. Responsible Decisions About Drinking
314. How to Deal With Depression
315. Becoming Independent from Parents
316. Suicidal Crisis

**SECURITY**
71. Protecting Yourself and Your Property
100. Personal Property Insurance

**HEALTH**
101, 312, 313. Alcohol
102. Drugs
103. Pregnancy Evaluation
111. Men's Clinic
104. Women's Health Clinic
105. Student Health Insurance
64. Health Center
61. Community Health Resources.
605. Adult Health and Development Program

**STUDENT RIGHTS AND RESPONSIBILITIES**
106. Students Rights and Responsibilities
82. Academic Dishonesty (Cheating, Plagiarism)
97. Judicial Programs Office
108. Legal Aid Office
120. Parking Ticket Appeals Process
600. Human Relations Office
603. Campus Mediation Service

**TRANSPORTATION**
72. Transportation Alternatives
73. Public Transportation
74. Car-pooling
75. Registering Your Car
120. Parking Tickets Appeals Process
76. Bicycles, Mopeds & Motorcycles
77. Parking
78. Shuttle-UM

**COURSES**
201. Afro-American Studies Program
202. ASTR 100 Introduction to Astronomy
203. BOTN 100 General Botany (Non-Science Majors)
204. BOTN 101 General Botany
205. CHEM 101 Introduction to College Chemistry
206. CHEM 203 College Chemistry I
207. THET 110 Introduction to the Theater
208. EDCP 108 College Aims (Reading & Study Skills, Career Planning, Survival Techniques, Returning Women)
209. ENGL 101 Freshman English, 101A, 101X
210. ENTM 100 Insects
211. GVPT 170 American Government
212. HIST 156 History of U.S. to 1865
213. HIST 157 History of U.S. (1865-1976)
214. JOUR 100 Introduction to Mass Communication
215. LENF 100 Introduction to Law Enforcement
225. MATH 001 Review of High School Algebra
216. MATH 110 Introduction to Mathematics I
217. MATH 115 Pre-Calculus I
218. MATH 140 Calculus I
219. Music Courses for Non-Music Majors
220. PSYC 100 Introduction to Psychology
221. Physical Education Courses
222. SPCH 100 Introduction to Speech
223. SOCY 100 Introduction to Sociology
224. ZOOL 101 General Zoology

## Term Paper Workshops

The Hornbake Library offers workshops to help you find the library materials and information you need to write your research papers. For more information, call 454-4737.

## UMaps

Get a new perspective of the UMCP campus according to UMaps. The Office of Commuter Affairs has published this series of brochures to highlight campus opportunities. These "maps" are designed to help you locate courses, clubs, activities, and employment related to your areas of interest. Pick up copies of UMaps at the Office of Commuter Affairs, 1195 Stamp Union.

## University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.

In order to be eligible for a letter of permission, UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework. In addition to the above, students who were previously enrolled at UMCP must have completed a minimum of 15 semester hours of coursework with University College with at least a "C" (2.0) grade point average *since* their last enrollment at UMCP and have prior written approval from the College Park Reenrollment Office if they have been denied reinstatement.

Eligible students may request a letter of permission by calling or writing the UMUC Director of Admission and Registration Services in the Center of Adult Education, Room 0300, telephone 985-7262. Please request the letter at least two weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.

## University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

| | |
|---|---|
| Name | Participation in Officially Recognized Activities and Sports |
| Address | Weight and Height of Members of Athletic Teams |
| Telephone Listing | Dates of Attendance |
| Date and Place of Birth | Degrees and Awards Received |
| Photograph | Most Recent Previous Educational Institution Attended |
| Major Field of Study | |

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, North Administration Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Health, Education and Welfare, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

## Vehicle Registration

All students (except as noted below) who plan to attend the University during the Spring 1987 semester (whether they register early or not) are eligible to register their motor vehicle during the appropriate periods outlined below.

**WHO?**
All students who operate a motor vehicle on the campus at any time must register that motor vehicle with the Motor Vehicle Administration Office on campus. **IMPORTANT NOTICE:** Freshman and sophomore resident are prohibited from registering or maintaining a vehicle on campus, therefore should not bring a vehicle to campus. Questions regarding this or any other Motor Vehicle Regulation should be referred to the Motor Vehicle Administration Office, 454-4242 or 4243.

**WHEN?**
ALL STUDENTS EXCEPT CAMPUS RESIDENT FRESHMEN AND SOPHOMORES
During the period of December 8 through December 19, 1986, 8:30 a.m. to 4:15 p.m. Monday through Friday, Motor Vehicle Administration Office, Service Building, South Wing.

— OR —

Armory, January 22 through January 23, 1987, 8:30 a.m. to 4:15 p.m. — MVA Office on Campus, January 26 through January 30, 1987, 8:30 a.m. to 6:00 p.m.

— OR —

Monday, February 2, 1987 and later, Motor Vehicle Administration Office, Service Building, South Wing, 8:30 a.m. to 4:15 p.m. Monday through Friday.

**NOTE:** The UMCP Campus is initiating mail-in registration of vehicles effective with the Fall 1986 academic semester. This may influence registration dates listed above. Adequate publicity concerning the new registration process will be provided by MVA. Call 454-4242 for more information.

**HOW?**
1. BRING *CURRENT* STATE REGISTRATION CARD FOR EACH VEHICLE TO BE REGISTERED. YOU **CANNOT** REGISTER YOUR VEHICLE WITHOUT THIS DOCUMENT, AND A STUDENT I.D. CARD.
2. Pick up and complete University of Maryland application for Motor Vehicle Parking Permit form and receive bumper decals. Registration fee is $13.00 for first vehicle for resident students; $10.00 for first vehicle for commuter students and $10.00 for each additional vehicle. Vehicle registration charges may be included on student bill during Armory registration ONLY. When vehicles are registered at any other time or place, cash or check payment is required at time vehicle is registered.

Questions regarding Motor Vehicle Registration should be referred to the Motor Vehicle Administration Office, 454-4242 or 4243. Resident Freshmen and Sophomores who have off-campus jobs may be given special permission to register vehicles. Details are available at the Motor Vehicle Administration Office which is located on Rossborough Drive, opposite Ritchie Coliseum.

**BICYCLES AND MOPEDS**
Bicycles and mopeds should be parked in bicycle racks provided on campus. Maryland State Laws prohibit the securing/parking of a bicycle or moped in any manner which would obstruct or impede vehicular or pedestrian movement. Violators will be subject to having their bicycle/moped impounded.

**HANDICAPPED PARKING**
Only vehicles displaying STATE issued handicapped license tags and/or window permits, identifying person or passenger as handicapped will be authorized to park in designated handicapped spaces, unpaid parking meters or any ungated parking lot on this campus. DAV tags or any locally issued tags will not be recognized for this purpose. Contact your state MVA office for details. All persons associated with the University must purchase and display a UMCP parking decal for current year.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

## Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office on the 1st floor of the North Administration Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 454-4555.

## Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Registrations Office, North Administration Building. Official transcripts are generally processed within a week and on occasion, the same day. Request must be in writing. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Registrations Office (x5559) if you have further questions.

# Academic and Advisement Information

## College Organizational Chart

**COLLEGE OF AGRICULTURE**
- VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

DEPARTMENT OF:
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND EXTENSION EDUCATION
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULUM:
- AGRICULTURAL CHEMISTRY
- FOOD SCIENCE
- GENERAL AGRICULTURE
- NATURAL RESOURCES MANAGEMENT
- PRE-FORESTRY
- UNDECIDED

**SCHOOL OF ARCHITECTURE**

**COLLEGE OF ARTS AND HUMANITIES**

DEPARTMENT OF:
- AMERICAN STUDIES
- ART
- CLASSICS
- COMMUNICATION ARTS AND THEATRE
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- HOUSING & DESIGN
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES

CENTER FOR PHILOSOPHY AND PUBLIC POLICY
COMPARATIVE LITERATURE PROGRAM
JEWISH STUDIES PROGRAM
LINGUISTICS PROGRAM
WOMEN'S STUDIES PROGRAM
CENTER FOR MEDITERRANEAN ARCHAEOLOGY
CENTER FOR RENAISSANCE AND BAROQUE STUDIES
LANGUAGE MEDIA CENTER
UNIVERSITY COMMUNITY CONCERTS

**COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES**

DEPARTMENT OF:
- ANTHROPOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING AND SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY

INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY
INSTITUTE FOR PHILOSOPHY AND PUBLIC POLICY
INSTITUTE FOR URBAN STUDIES
AFRO-AMERICAN STUDIES PROGRAM
CENTER FOR INTERNATIONAL DEVELOPMENT
INDUSTRIAL RELATIONS AND LABOR STUDIES CENTER
SURVEY RESEARCH CENTER
BUREAU OF BUSINESS AND ECONOMIC RESEARCH
COMPUTER LABORATORY

**COLLEGE OF BUSINESS AND MANAGEMENT**

- CENTER FOR BUSINESS AND PUBLIC POLICY
- CENTER FOR INNOVATION
- CENTER FOR MANAGEMENT DEVELOPMENT
- CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
- SMALL BUSINESS DEVELOPMENT CENTER
- PROGRAMS/CURRICULUM:
  - ACCOUNTING
  - BUSINESS & MANAGEMENT — GENERAL
  - FINANCE
  - INFORMATION SYSTEMS
  - MANAGEMENT SCIENCE & STATISTICS
  - MARKETING
  - PERSONNEL & LABOR RELATIONS
  - PRODUCTION MANAGEMENT
  - TRANSPORTATION

**COLLEGE OF EDUCATION**

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
INTENSIVE EDUCATIONAL DEVELOPMENT
OFFICE OF LABORATORY EXPERIENCES
SPECIAL STUDENT SUPPORT SERVICES

**COLLEGE OF ENGINEERING**

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL AND NUCLEAR ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
SYSTEMS RESEARCH CENTER

**COLLEGE OF HUMAN ECOLOGY**

DEPARTMENT OF:
- FAMILY AND COMMUNITY DEVELOPMENT
- FOOD, NUTRITION AND INSTITUTION ADMINISTRATION
- TEXTILES AND CONSUMER ECONOMICS
- UNDECIDED

**COLLEGE OF JOURNALISM**

CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
COLLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS — EDITORIAL
  - NEWSPAPERS
  - MAGAZINES
  - PHOTOJOURNALISM
  - SCIENCE COMMUNICATION
- PUBLIC RELATIONS

**COLLEGE OF LIBRARY AND INFORMATION SERVICES**

**COLLEGE OF LIFE SCIENCES**

DEPARTMENT OF:
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM:
- GENERAL BIOLOGICAL SCIENCES
- UNDECIDED

**COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES**

DEPARTMENT OF:
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND ASTRONOMY

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

**COLLEGE OF PHYSICAL EDUCATION, RECREATION, AND HEALTH**

DEPARTMENT OF:
- HEALTH EDUCATION
- PHYSICAL EDUCATION
- RECREATION

CENTER ON AGING

**SCHOOL OF PUBLIC AFFAIRS**
BUREAU OF GOVERNMENTAL RESEARCH

**UNDERGRADUATE STUDIES**

- GENERAL HONORS PROGRAM
- GENERAL STUDIES PROGRAM
- INDIVIDUAL STUDIES PROGRAM
- ALLIED HEALTH PROFESSIONS
- PRE-DENTISTRY
- PRE-MEDICAL
- PRE-LAW
- EXPERIENTIAL LEARNING PROGRAM
- UNDERGRADUATE ADVISING CENTER
- CAREER DEVELOPMENT CENTER

## College Locations and Deans

| *College* | *Location* | *Dean* | *Office* | *Phone* |
|---|---|---|---|---|
| Agriculture | 1116 Symons Hall | Dr. Raymond J. Miller | 1104 Symons | X5257 |
| Architecture | 1298 Architecture | Prof. John A. Steffian | 1212 Architecture | X3427 |
| Arts & Humanities | 1111 Francis Scott Key | Dr. Richard D. Brecht (Acting) | 1101 Francis Scott Key | X6790 |
| Behavioral & Social Sciences | 2115 Tydings Hall | Dr. Murray E. Polakoff | 2141 Tydings | X5272 |
| Business & Management | 2136 Tydings Hall | Dr. Rudolph P. Lamone | 3140 Tydings | X5383 |
| Computer, Mathematical & Physical Sciences | 2300 Math Bldg. | Dr. J. Robert Dorfman (Acting) | 2300 Math Bldg. | X4906 |
| Education | 1210 Harold R. Benjamin (Education Bldg.) | Dr. Dale P. Scannell | 3119 Harold R. Benjamin (Education Bldg.) | X2013 |
| Engineering | 1131 Engineering Classroom Bldg. | Dr. George E. Dieter | 1137 Engineering Classroom Bldg. | X6347 |
| Graduate School | 2nd floor, South Administration | Dr. Arnold Thackray | 2133F South Administration | X4791 |
| Human Ecology | 1100 Marie Mount Hall | Dr. John R. Beaton | 1100 Marie Mount Hall | X2136 |
| Journalism | 2109 Journalism Bldg. | Prof. Reese Cleghorn | 2105 Journalism Bldg. | X5715 |
| Library & Information Services | 4105 Hornbake Library | Dr. Claude E. Walston | 4105E Hornbake Library | X5441 |
| Life Sciences | 1110 Symons Hall | Dr. Raymond J. Miller | 1104 Symons Hall | X5257 |
| Physical Education, Recreation & Health | 3310 Physical Education, Recreation & Health Bldg. | Dr. John J. Burt | 3310H PERH Bldg. | X5616 |
| Public Affairs | 2105 Morrill Hall | Dr. Michael Nacht (Acting) | 3106C Morrill Hall | X8712 |
| Undergraduate Studies | 1117 Hornbake Library | Dr. Gerald R. Miller | 1115 Hornbake Library | X2530 |

## Course Numbering System (All Students)

**UNDERGRADUATE** — eligible to register for courses numbered 000-499. Freshmen and sophomores may not take 300-499 numbered courses. Any exceptions require special permission from the Dean.

**GRADUATE** — eligible to register for courses numbered 400-899.

**Course Numbering System**

| Number | Eligibility |
|---|---|
| 000-099 | Non-credit course |
| 100-199 | Primarily freshman course |
| 200-299 | Primarily sophomore course |
| 300-399 | Junior, senior course not acceptable for credit toward graduate degrees |
| 400-499 | Junior, senior course acceptable for credit toward some graduate degrees |
| 500-599 | Professional School course (Dentistry, Architecture, Law, Medicine) or post-baccalaureate course |
| 600-899 | Course restricted to graduate students |
| 799 | Masters Thesis credit |
| 899 | Doctoral dissertation credit |
| | Courses with last digit of 8 or 9 can be repeated for additional credit |

## Graduate Student Academic Information

**See Page 7 for Graduate Student Registration Procedures**

**Advisement:** Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 7 for specific advising procedures required by your program.

**Full Time Status:** Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

**Table for Computing Graduate Units**

| Course Number | Graduate Unit |
|---|---|
| 000-399 | 2 units per credit hr. |
| 400-499 | 4 units per credit hr. |
| 500-599 | 5 units per credit hr. |
| 600-898 | 6 units per credit hr. |
| 799 | 12 units per credit hr. |
| 899 | 18 units per credit hr. |

**Program Changes:** Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

**Pass-Fail:** Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

# Undergraduate Academic Information

## Advisement (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

**NOTE:** For the following groups advising is mandatory:

**Newly admitted freshman and transfer students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, and students in certain majors and colleges.**

**Students in pre-majors are required to choose an alternate major, which determines their advising home. See an advisor and page 23 for information.**

A list of undergraduate advisors, their room number and telephone extension is listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 454-2733 or 454-3040.

## Academic Advisors

| | Advisors | Room | Ext. |
|---|---|---|---|
| **COLLEGE OF AGRICULTURE** | | | |
| **General Information** | | SYM-1104 | 5257 |
| Dr. Raymond Miller, Dean | | SYM-1110 | 5257 |
| Dr. Albert J. Klavon, Assistant Dean | | SYM-1110 | 5257 |
| Dr. Amel Anderson, Assistant Dean | | SYM-1110 | 5257 |
| AGRICULTURAL CHEMISTRY | Keeney, M. | CHM-2500 | 4417 |
| AGRICULTURAL & RESOURCE ECONOMICS | | | |
| | Brown, E. H. (Coord.) | SYM-2216 | 3801 |
| | Cain, J.L. | SYM-2106 | 3804 |
| | Foster, D. W. | SYM-2102 | 3803 |
| | Lawrence, R.G. | SYM-2212A | 3804 |
| | Lessley, B. V. | SYM-2213 | 3802 |
| | Strand, I. E. | SYM-2206 | 3801 |
| AGRICULTURAL ENGINEERING | | | |
| | Muller, R. E. | SHR-1131B | 3901 |
| | Stewart, L. E. | SHR-1130 | 3901 |
| AGRICULTURAL & EXTENSION EDUCATION | Cooper, E. L. | SYM-0102 | 3738 |
| AGRONOMY | | | |
| Crops | Caldwell, R. M. | HJP-1103 | 4787 |
| | McIntosh, M. | HJP-0111 | 3717 |
| Soils | McIntosh, M. | HJP-0111 | 3717 |
| Turf & Urban Agronony | Walterlen, M. S. | HJP-1114 | 3716 |
| Conservation — Soil, Water and Environment | Caldwell. R. M. | HJP-1103 | 4787 |
| ANIMAL SCIENCE | | | |
| Livestock | DeBarthe, J. V. (Coord.) | ANS-1103 | 4642 |
| Dairy | DeBarthe, J. V. | ANS-1103 | 4642 |
| Poultry | Johnson, E. L. | JUL-2103A | 5491 |
| Pre-Veterinary | Ingling, A. | ASA-1312 | 4631 |
| NATURAL RESOURCES MANAGEMENT | Gibson, G. R. | SYM-0218 | 3738 |
| FOOD SCIENCE | Wiley, R. C. (Coord.) | HZF-1122A | 2829 |
| | Schlimme, D. V. | HZF-1122B | 6526 |
| GENERAL | Grant, L. P. | SHR-0104 | 3901 |
| HORTICULTURE | | | |
| Floriculture & Ornamentals | | | |
| (A-L) | LaSota, L. | HZF-2103 | 2387 |
| (M-R) | Gouin, F. | HZF-1101 | 3143 |
| (S-Z) | Stimmart, D. | HZF-2102 | 6322 |
| Horticulture Education | LaSota, L. | HZF-2103 | 2387 |
| Landscape Design | Pitt, D. | HZF-2109 | 3612 |
| Pomology & Olericulture | McClurg, C. | HZF-1122C | 3007 |
| PRE-FORESTRY | Kundt, J. F. | HZF-1109 | 6464 |
| UNDECIDED | Grant, L.P. | SHR-0104 | 3901 |
| **SCHOOL OF ARCHITECTURE** | | | |
| **General Information** | | | |
| Stephen Sachs, Associate Dean | | ARCH-1298 | 3427 |

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — See page 23 for pre-major information. Your advising "home" is the college associated with your alternate major.

| | | | |
|---|---|---|---|
| **COLLEGE OF ARTS AND HUMANITIES** | | | |
| Dr. Richard Brecht, Acting Dean | | KEY-1101 | 6796 |
| College Advisor Undergraduates | Bondurant, D. | KEY-1111 | 2737 |
| | Doyle, T. | KEY-1111 | 2737 |
| **General Information** | | | |
| AMERICAN STUDIES PROGRAM | Mintz, L. | TLF-2116 | 4661 |
| ART STUDIO | Forbes, J. | ASY-1M320 | 3431 |
| ART HISTORY | Caswell, J. M. | ASY-4222 | 3431 |
| CHINESE | Rickett, A. | JMZ-2106 | 5152 |
| COMPARATIVE LITERATURE | Peterson, C. | JMZ-4223 | 2685 |
| DANCE | Ryder, M. | TEE | 4056 |
| ENGLISH | Herman, H. | TLF-1122 | 2521 |
| FRENCH & ITALIAN | Barrabini, M. | JMZ-3106F | 4303 |
| GERMAN | Frederiksen, E. | JMZ-3211 | 4301 |
| GREEK | Duffy, J. | JMZ-4211 | 2510 |
| HEBREW | Fink, D. | JMZ-2106 | 5152 |
| HISTORY | Folsom, K. | KEY-2101H | 2843 |
| HOUSING AND DESIGN | Prather, E. | MMH-3506 | 5271 |
| Advertising Design | Roper, J. | MMH-1401 | 6325 |
| | Gipps, T. | MMH-1401E | 6267 |
| | Thomas, C. | WOS-2407C | 5755 |
| | Thorpe, J. | MMH-2407E | 5471 |
| | Dean, S. | MMH-2407D | 5498 |
| Interior Design | Eckersley, M. | MMH-1401D | 6268 |
| | Kjaer, B. | MMH-2407F | 5464 |
| Housing | Bonta, J. | MMH-1401 | 2150 |
| | Chen, A. | PKT-1105 | 6325 |
| JAPANESE | Kerkham, E. | JMZ-2106 | 4307 |
| LATIN | Duffy, J. | JMZ-2510 | 2510 |
| LINGUISTICS | Hornstein, N. | MIL-1109 | 7002 |
| MUSIC | Cooper, J. | TWS-2110 | 2501 |
| PHILOSOPHY | Pasch, A. | SKN-1119B | 2850 |
| RADIO, TELEVISION & FILM | Kirkley, D. | TWS-0207 | 2297 |
| RUSSIAN AREA STUDIES | Lampe, J. | KEY-2129 | 4204 |
| RUSSIAN LANGUAGE & LITERATURE | Berry, T. | JMZ-3215 | 4301 |
| SPANISH & PORTUGUESE | Rentz, M. | JMZ-2215 | 4305 |
| SPEECH COMMUNICATION | Doyle, T. | TWS-1146 | 2541 |
| THEATRE | Pugliese, R. | TWS-0240 | 6214 |
| WOMEN'S STUDIES | Moses, C. | MIL-1135 | 3841 |
| UNDECIDED MAJORS | Bondurant, D. | KEY-1111 | 2737 |

PRE-DESIGN — See Page 23 for pre-major information. Your advising "home" is the college associated with your alternate major.

| | | | |
|---|---|---|---|
| **COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES** | | | |
| Dr. Murray Polakoff, Dean | | TYD-2141 | 5272 |
| Dr. Stewart Edelstein, Assistant Dean | | TYD-2141 | 5272 |
| Dr. Katherine P. Beardsley, Assistant Dean | | TYD-2141 | 5272 |
| Chris Witherspoon, Assistant to the Dean | | TYD-2141 | 5272 |
| **ADVISEMENT AND RECORDS** | | | |
| Records Office | Hay, G. | TYD-2115 | 2301 |
| | Villamizar, A. | TYD-2115 | 2301 |
| Candidate Clearance | O'Donnell, D. | TYD-2115 | 2301 |
| College Academic Advisors | Reh, T. | TYD-2115 | 2301 |
| | Marcks, L. | TYD-2115 | 2301 |
| | Hillman, L. | TYD-2115 | 2301 |
| | Langa, M. | TYD-2115 | 2301 |
| | Fabian, E. | TYD-2115 | 2301 |
| **UNDERGRADUATE PROGRAMS** | | | |
| AFRO-AMERICAN STUDIES PROGRAM | Williams, M. | LEF-2169 | 6676 |
| ANTHROPOLOGY | Dent, J. | WDS-1106 | 6746 |
| CRIMINOLOGY, LAW ENFORCEMENT | Wellford, C. | LEF-2220 | 7970 |
| ECONOMICS | Straszheim, M. | TYD-3115 | 5443 |
| GEOGRAPHY | Cirrincione, J. | LEF-1113 | 2241 |
| GOVERNMENT & POLITICS | Lanning, E. | LEF-2181F | 6739 |
| HEARING AND SPEECH SCIENCE | McCall, J. | LEF-0141H | 2546 |
| PSYCHOLOGY | Schwartz, L. | ZOP-1128 | 6691 |
| SOCIOLOGY | Altman, B. | ASY-2108 | 5036 |
| URBAN STUDIES | Marando, V. | LEF-1119 | 6687 |

UNDECIDED — See a college advisor.
PRE-BUSINESS — See page 23 for pre-major information. Your advising "home" is the college associated with your alternate major.

| | | | |
|---|---|---|---|
| **COLLEGE OF BUSINESS AND MANAGEMENT** | | | |
| Dr. Rudolph P. Lamone, Dean | | | |
| Dr. J. G. Mattingly, Director of Undergraduate Studies | | | |
| Dr. Burt A. Leete, Acting Associate Dean | | | |
| Dr. Judy S. Brown, Assistant Dean | | | |
| Dr. Lee E. Preston, Director, Ph.D. Program | | | |
| Ms. Mary Anne Waikart, Director, Masters Programs | | | |
| Ms. Leslie Paddock-Coleman, Placement Director | | | |
| | Gauba, S. | TYD-2136 | 4314 |
| | Rouvet, D. | TYD-2136 | 4314 |
| | Sullivan, K. | TYD-2136 | 4314 |
| | Zager, B. | TYD-2136 | 4314 |
| Records Office, Business | Donaldson, M. | TYD-2136 | 4314 |
| | Pometto, J. | TYD-2136 | 4314 |
| | Welsh, S. | TYD-2136 | 4314 |
| **COLLEGE OF EDUCATION** | | | |
| **General Information** | | | |
| Dr. Dale Scannell, Dean | | EDU-3119 | 2013 |
| Graduate Student Services | Campbell, E.G. | EDU-1205 | 3745 |
| Undergraduate Student Services | Lewis, A. | EDU-1210 | 2017 |
| EDUCATION POLICY, PLANNING AND ADMINISTRATION | Warren, D. | EDU-3112B | 5424 |
| Administration and Supervision | Dudley, J. | EDU-3112A | 5766 |
| Curriculum and Theory Development | Selden, S. | EDU-0109C | 5766 |
| Educational Communications | Splaine, J. | EDU-2215 | 5766 |
| Educational Policy | Huden, D. | EDU-2110D | 5776 |
| Higher and Adult Education | Carbone, R. | EDU-3112C | 5766 |
| Social Foundations | Lindsay, R. | EDU-0101C | 5766 |
| COUNSELING & PERSONNEL SERVICES | Hershenson, D. | EDU-3214A2 | 2026 |
| School Psychology | Pumroy, D. | EDU-3214B | 2026 |
| | Teglasi, H. | EDU-3234A | 2026 |
| | Strein, W. | EDU-3234B | 2026 |
| School Counseling | Greenberg. K. | EDU-3222 | 2026 |
| | Rhoads, D. | EDU-3234C | 2026 |
| Community Counseling | Schlossberg, N. | EDU-3228 | 2026 |
| | Spokane, A. | EDU-3214A | 2026 |
| | Waldo, M. | EDU-3222 | 2026 |
| College Student Personnel | | EDU-3218 | 2026 |
| Counseling Psychology | Birk, J. | EDU-3216 | 2026 |
| | Hoffman, M. | EDU-3234E | 2026 |
| Rehabilitation Counseling | Power, P. | EDU-3208 | 2026 |
| | Lawrence, R. | EDU-3234F | 2026 |
| Counseling & Consultation | Hershenson, D. | EDU-3214C | 2026 |
| CURRICULUM AND INSTRUCTION | Arends, R | EDU-2311B | 7346 |
| Early Childhood | Amershek, K | EDU-2207B | 7429 |
| | Church, M. | EDU-1229 | 2341 |
| | Fein, G. | EDU-0311F | 3409 |
| | Saracho, O. | EDU-1117 | 2120 |

| | | | |
|---|---|---|---|
| Elementary Education | Eley, G. | EDU-2219 | 5712 |
| | Herman, W. | EDU-2227 | 5448 |
| | Jantz, R. | EDU-2229 | 5480 |
| | Johnson, M. | EDU-2209 | 4941 |
| | Roderick, J. | EDU-2231 | 5343 |
| | Sublett, H. | EDU-2211 | 5934 |
| | Weaver, P. | EDU-2233 | 4762 |
| | Williams, D. | EDU-2219 | 5712 |
| Secondary Education | | | |
| Art | Craig, R. | EDU-2304C | 6288 |
| | McWhinnie, H. | EDU-2304C | 6288 |
| English/Speech | Carr, J. | EDU-2304E | 6325 |
| | McCaleb, J. | EDU-2304J | 6290 |
| | Slater, W. | EDU-2311J | 6290 |
| Foreign Language | DeLorenzo, W. | EDU-2304G | 6416 |
| | Markham, P. | EDU-2223 | 5590 |
| Library Science | Williams, H. | HBK-4121J | 6068 |
| Math | Campbell, P. | EDU-2304F | 7346 |
| | Davidson, N. | EDU-2207A | 2762 |
| | Henkelman, J. | EDU-2223 | 5590 |
| Music | Folstrom, R. | TWS-3141 | 2501 |
| Physical Education | Young, J. | PRH-2338 | 3072 |
| Reading | Brigham, B. | EDU-1117 | 2120 |
| | Davey, B. | EDU-2304K | 6417 |
| | Dreher, J. | EDU-1117 | 2120 |
| | Gambrell, L. | EDU-1117 | 2120 |
| | Garner, R. | EDU-1117 | 2120 |
| | Wilson, R. | EDU-1117 | 2120 |
| Science | Heikkinen, H. | EDU-0231 | 2024 |
| | Layman, J. | EDU-0211 | 2024 |
| | Lockard, D. | EDU-0211 | 2024 |
| Social Studies | Cirrincione, J. | EDU-2227 | 5448 |
| | Farrell, R. | EDU-2227 | 5448 |
| INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION | Maley, D. | JMP-3216 | 5692 |
| Industrial Arts | Beatty, C. | JMP-3216J | 4264 |
| | Leutkemeyer, J. | JMP-3216G | 4264 |
| Industrial Technology | Elkins, R. | JMP-2210 | 4264 |
| | Hunter, A. | JMP-3216 | 4264 |
| | Mietus, W. | JMP-3216P | 4264 |
| | Sullivan, D. | JMP-3216 | 4264 |
| Vocational Education | Maley, D. | JMP-3216 | 5692 |
| | Stough, K. | JMP-3216B | 4264 |
| Business Education | Peters, R. | JMP-2210C | 4264 |
| | Spear, M. | JMP-3216 | 4264 |
| Distributive Education | Anderson, C. R. | EDU-3119 | 4566 |
| Home Economics Education | Hultgren, F. | JMP-2210 | 4264 |
| | Inana, M. | JMP-2210B | 4264 |
| HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY | Bennett, S. | EDU-3304 | 2034 |
| | Tyler, B. | EDU-3304 | 2034 |
| MEASUREMENT, STATISTICS AND EVALUATION | Lissitz, R. | EDU-4101 | 3413 |
| SPECIAL EDUCATION | Angeletti, K. | EDU-1235 | 2118 |
| | Beckman, P. | EDU-1311E | 2118 |
| | Burke, P. | EDU-1308 | 4704 |
| | Cooper, D. | EDU-1308 | 2118 |
| | Egel, A. | EDU-1311G | 2118 |
| | Graham, S. | EDU-1311F | 2118 |
| | Harris, K. | EDU-1308 | 2118 |
| | Hebeler, J. | EDU-1308 | 2118 |
| | Kohl, F. | EDU-1311C | 2118 |
| | Leone, P. | EDU-1311B | 2118 |
| | Malouf, D. | EDU-1220 | 2118 |
| | Noel, M. | EDU-2304 | 2118 |
| | Ogle, P. | EDU-1235 | 2118 |
| | Seidman, E. | EDU-1311A | 2118 |
| | Simms, B. | EDU-1311D | 2118 |
| | Speece, D. | EDU-1308 | 2118 |

PRE-EDUCATION — See Page 23 for pre-major information.

## COLLEGE OF ENGINEERING

| | | | |
|---|---|---|---|
| **General Information** | | | |
| Dr. George Dieter, Dean | | EGR-1137 | 6347 |
| Dr. Marilyn Berman, Assistant Dean | | EGR-1131 | 2421 |
| Counselors | Berman J. | EGR-1131 | 2421 |
| | Scholl R. | EGR-1131 | 2421 |
| Center for Minorities in Science and Engineering | | | |
| James Newton, Director | | EGR-1134 | 7219 |
| Rosemary Parker, Assistant Director | | EGR-1134 | 7219 |
| AEROSPACE | Barlow, J. | WTU-2102 | 2413 |
| AGRICULTURAL | Stewart, L. | SHR-1130C | 3901 |
| | Muller, R. | SHR-1131B | 3901 |
| CHEMICAL | Regan, T. | CHE-2139 | 7898 |
| CIVIL | Garber, D. | EGR-1163 | 2225 |
| ELECTRICAL | Pugsley, J. | EGR-3186 | 4172 |
| FIRE PROTECTION | Bryan, J. | EGR-0147 | 2424 |
| MECHANICAL | Walston, W. | EGR-2188 | 2409 |
| NUCLEAR | Munno, F. | CHE-2309A | 2430 |
| Engineering Co-op Program | Ferrell, C. | EGR-1137B | 5191 |

PRE-ENGINEERING — See Page 23 for pre-major information.

## COLLEGE OF HUMAN ECOLOGY

| | | | |
|---|---|---|---|
| **General Information** | | | |
| Dr. John Beaton, Dean | | MMH-1100F | 2136 |
| Dr. Effie Hacklander, Asst. Dean | | MMH-1100C | 5387 |
| Undergraduate Student Records | Booth, B. | MMH-1100B | 5181 |
| FAMILY & COMMUNITY DEVELOPMENT | | | |
| Family Studies | Anderson, E. | MMH-1204 | 6022 |
| | Epstein, N. | MMH-1204C | 6422 |
| | Gaylin, N. | MMH-1204D | 5905 |
| | Rubin, R. | MMH-1204L | 6424 |
| | Myricks, N. | MMH-1204E | 5925 |
| | Werlinich, C. | MMH-1218B | 6188 |
| | Wilson, L. | MMH-1204B | 6461 |
| Community Studies | Hula, R. | MMH-1204G | 5965 |
| Management & Consumer Studies | Churaman, C. | MMH-1204F | 6425 |
| | Hanna, W. | MMH-1204A | 2142 |
| | Leslie, L. | MMH-1204J | 6361 |
| FOOD, NUTRITION & INSTITUTION ADMINISTRATION | | | |
| Dietetics | Read, M. | MMH-3304B | 2143 |
| | Moser, P. | MMH-3308 | 5371 |
| Community Nutrition | Taylor, M. | MMH-3303 | 5163 |
| | Williams, E. | MMH-3309 | 5372 |
| Foods | Chol, Y. | MMH-3302 | 4401 |
| | Curtis | MMH-3308 | 5289 |
| Institution Administration | Norton, V. | MMH-3215 | 2455 |
| Nutrition Research | Ahrens, R. | MMH-3301 | 4564 |
| TEXTILES AND CONSUMER ECONOMICS | Smith, B. | MMH-2100A | 5150 |
| Apparel Design | Anderson, C. | MMH-1411 | 6481 |
| | Paoletti, J. | MMH-2108 | 6494 |
| Text. Mkt./Fashion Merch. | Dardis, R. | MMH-2106 | 6493 |
| | Paoletti, J. | MMH-2108 | 6494 |
| | Wagner, J. | MMH-2100D | 6486 |
| Consumer Economics | Brannigan, V. | MMH-2100G | 6489 |
| | Chern, C. | MMH-2100D | 6486 |
| | Dardis, R. | MMH-2106 | 6493 |
| | Ettensen, R. | MMH-2100C | 6485 |
| Textiles | Block, I. | MMH-2100H | 6490 |
| | Hollies, N. | MMH-0303A | 6491 |
| | Pourdeymmi | MMH-2108 | 8605 |
| | Smith, B. | MMH-2100A | 5150 |
| | Spivak, S. | MMH-2100E | 6487 |
| | Yeh, K. | MMH-2100B | 6484 |

## COLLEGE OF JOURNALISM

| | | | |
|---|---|---|---|
| Prof. Reese Cleghorn, Dean | | | |
| Director, Undergraduate Studies | Theus, K. | JRN-2109 | 2228 |
| Undergraduate Advisors | Cummins, J. | JRN-2109 | 2228 |
| | Spitzer, C. | JRN-2109 | 2228 |

PRE-JOURNALISM — See page 23 for pre-major information. Your advising "home" is the college associated with your alternate major.

## COLLEGE OF LIBRARY & INFORMATION SERVICES

| | | | |
|---|---|---|---|
| Dr. Claude Walston, Dean | | HBK-4105 | 5441 |
| Student Records and General Information | Diepenbrock, J. | HBK-4110 | 3016 |
| Undergraduate Advisor | Williams, H. | HBK-4111G | 6068 |

## COLLEGE OF LIFE SCIENCES

| | | | |
|---|---|---|---|
| **General Information** | | | |
| Dr. Raymond Miller, Dean | | SYM-1104 | 5257 |
| Dr. Albert J. Klavon, Assistant Dean | | SYM-1110 | 5257 |
| Dr. Amel Anderson, Assistant Dean | | SYM-1110 | 5981 |
| BIO-CHEMISTRY | Durso, M. | CHM-1320 | 5231 |
| BOTANY | Barnett, N. (Coord.) | HJP-3214 | 3821 |
| | Berg, L. | HJP-1225 | 3812 |
| | Bottino, P. | HJP-3223 | 3821 |
| | Millay, M. | HJP-1227 | 3821 |
| CHEMISTRY | Durso, M. (Coord.) | CHM-1320 | 5231 |
| ENTOMOLOGY | | | |
| (A-M) | Harrison, F. (Coord.) | SYM-2317 | 7123 |
| (N-Z) | Armstrong, E. | SYM-2309 | 7122 |
| MICROBIOLOGY | | | |
| (A-I) | Cook, T. (Coord.) | SKN-0113 | 5381 |
| (J-L) | Roszak, D. | SKN-3105 | 5321 |
| (M-N) | Voll, M. J. | SKN-2130 | 5218 |
| (O-Q) | Joseph, S. W. | SKN-2131 | 5023 |
| (R-T) | Powell, D. | SKN-3101 | 2591 |
| (U-Z) | Weiner, R. | SKN-3100 | 5364 |
| ZOOLOGY | Linder, H. (Coord.) | ZOP-3202 | 5131 |
| | Barnett, A.J. | ZOP-2231 | 5131 |
| | Brinkley, H. | ZOP-3220 | 5270 |
| | Higgins, W.J. | ZOP-2229 | 5131 |
| | Imberski, R.B. | ZOP-3260 | 6590 |
| | Inouye, D.W. | ZOP-4206 | 4085 |
| GENERAL BIOLOGICAL SCIENCES | Berg, L. (Coord.) | HJP-1225 | 3812 |
| Animal Science emphasis | Ottinger, M. A. | ANS-3132 | 5061 |
| Biochemistry emphasis | Klavon, A. | SYM-1110 | 5257 |
| Botany emphasis | Motta, J. | HJP-2112 | 3816 |
| Ecology emphasis | Berg, L. | HJP-1225 | 3818 |
| Entomology emphasis | Harrison, F. | SYM-2317 | 7123 |
| Genetics emphasis | Berg, L | HJP-1225 | 3812 |
| Marine Biology emphasis | Berg, L. | HJP-1225 | 3812 |
| Microbiology emphasis | Cook, T. | SKN-2131 | 5381 |
| Physiology emphasis | Berg, L. | HJP-1225 | 3812 |
| Zoology emphasis | Linder, H. | ZOP-3202 | 6249 |
| Undeclared/emphasis | Berg, L. | HJP-1225 | 3812 |

## COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

| | | | |
|---|---|---|---|
| Dr. J. R. Dorfman, Acting Dean | | MTH-2300 | 4906 |
| **Undergraduate Academic Information** | | | |
| Dr. James M. Wallace, Assistant Dean | | MTH-2300 | 4596 |
| Dr. Thelma M. Williams, Assistant Dean | | MTH-2300 | 4596 |
| Student Records | Williams, T. | MTH-2300 | 4596 |
| | Coleman, R. | MTH-2300 | 4596 |
| **General Information** | | | |
| ASTRONOMY | Matthews, T. | CSS-0223 | 5937 |
| COMPUTER SCIENCE (special problems) | Austing, R. | CSS-2309B | 2002 |
| COMPUTER SCIENCE (general advisors) | Heikkinen, S. | CSS-2309 | 2002 |
| GEOLOGY | Chang, L. | | 3548 |
| | Ridky, R. | | 3548 |
| MATHEMATICS | Sorenson, S. | MTH-1117 | 2746 |
| PHYSICS | Crabill, J. | PHY-1120 | 3501 |
| PHYSICAL SCIENCES | Williams, T. | MTH-2300 | 4596 |

## COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

| | | | |
|---|---|---|---|
| **General Information** | | | |
| Dr. John Burt, Dean | | PRH-3310D | 5616 |
| Undergraduate Student Records | Hoxie, L. | PRH-3310H | 3192 |
| PHYSICAL EDUCATION | Wrenn, J. | PRH-2351 | 4916 |
| RECREATION | Ward, V. | PRH-2358 | 3069 |
| HEALTH EDUCATION | Dotson, J. | PRH-2374 | 3369 |

## UNDERGRADUATE STUDIES

| | | | |
|---|---|---|---|
| **Bachelor of General Studies Degree Program** | | | |
| Dr. Gerald R. Miller, Dean | | HBK-1115 | 2530 |
| Dr. Sharon Rubin, Assistant Dean | | HBK-1115 | 2530-1 |
| | O'Leary, E. | HBK-1115 | 2530 |
| | Brenner, L. | HBK-1115 | 2530 |
| **HEALTH PROFESSIONS ADVISING** | | | |
| Pre-Dentistry | Love, N. | TUR-3103 | 5425 |
| Pre-Dental Hygiene | Stewart, D. | TUR-3103 | 2540 |
| Pre-Medical Technology | Stewart, D. | TUR-3103 | 2540 |
| Pre-Medicine | Love, N. | TUR-3103 | 5425 |
| Pre-Nursing | Stewart, D. | TUR-3103 | 2540 |
| Pre-Optometry | Love, N. | TUR-3103 | 5425 |
| Pre-Osteopathy | Love, N. | TUR-3103 | 5425 |
| Pre-Pharmacy | Stewart, D. | TUR-3103 | 2540 |
| Pre-Physical Therapy | Stewart, D. | TUR-3103 | 5425 |
| Pre-Podiatry | Love, N. | TUR-3103 | 5425 |
| **INDIVIDUAL STUDIES PROGRAM** | | | |
| Dr. Sharon Rubin, Assistant Dean | | HBK-1115 | 2530-1 |
| **Undergraduate Advisement Center** | | | |
| Dr. W. J. Higgins, Assistant Dean | | HBK-1117H | 2733/3040 |
| Larry Waters, Asst. to the Dean | | HBK-1117 | 2733/3040 |
| Dr. T. K. Allan, Coordinator of Advising | | HBK-1117J | 2733/3040 |
| Undeclared Students | Buda, B. | HBK-1117C | 2733/3040 |
| | Miller, L. | HBK-1117 | 2733/3040 |
| | Steen, T. | HBK-1117F | 2733/3040 |
| PRE-LAW | Buhlig, P. | HBK-1117B | 2733/3040 |

Additional department advisors are available. Contact principal advisors listed above.

## OFFICE OF MINORITY STUDENT EDUCATION (OMSE)

| | | | |
|---|---|---|---|
| **Minority Advisement Program** | | | |
| Dr. Joseph Samuels, Director | | HBK-1101 | 4901 |
| Dr. Wendell Gorum, Assistant Director | | HBK-1101 | 4901 |
| Dr. Bekele Molla, Research Coordinator | | HBK-1101 | 4901 |
| Mrs. Sheila Richardson, Information Coordinator | | HBK-1101 | 4901 |
| Dr. Ronald Zeigler, Academic Coordinator | | HBK-1101 | 4901 |
| Mr. Otis Williams, Director, Nyumburu Center | | SDH-3125 | 5774 |
| Minority Peer Advisors | | HBK-1191 | 4901 |

# Attention Pre-Majors STUDENTS IN THE FOLLOWING PRE-MAJORS

| | |
|---|---|
| Pre-Architecture | Pre-Engineering |
| Pre-Business & Management | Pre-Education |
| Pre-Computer Science | Pre-Journalism |
| Pre-Design | Pre-Radio, Television and Film |

New regulations for students seeking entry to selective admissions programs have recently been approved by the Campus Senate. Beginning Fall 1986 pre-selective major students must choose an alternate major. The college associated with the alternate major will become the student's advising home.* In the event students do not later gain admission to the selective program, they will be better prepared to meet the degree requirements of an alternate major without loss of time or credit.

To declare an alternate major see an advisor in the Undergraduate Advising Center or at College locations.

It is important that you understand how these regulations will affect your academic career. Failure to comply with these requirements may result in next semester's registration being blocked. Read the summarized regulations below which apply to your current status.

**Incoming freshman & transfer students with less than 56 credits:**
- Must declare alternate major prior to Spring 1987 registration.
- Advising home — College associated with your alternate major.*
- Must declare a major (other than a pre-major) by the time 56 credits have been earned if unsuccessful in gaining admission to a selective admission program.

**Incoming transfer pre-majors with 56 or more credits:**
- May designate "Undecided" as an alternate major for no more than one semester after admission.
- Must choose a major (other than a pre-major) after one semester if unsuccessful in gaining admission to a selective admission program.

**Current pre-majors with less than 56 credits:**
- Must declare alternate major by the time 56 credits have been earned.
- Advising home — College presently associated with pre-major until alternate is chosen.
- Once alternate major is selected, advising home is College associated with the alternate major.*
- Must declare a major (other than a pre-major) by the time 70 credits have been earned if unsuccessful in gaining admission to a selective admission program.

**Current pre-majors with more than 56 and less than 70 credits:**
- Must declare alternate major prior to Spring 1987 registration.
- Advising home — College associated with alternate major.*
- Must declare a major (other than a pre-major) by the time 70 credits have been earned if unsuccessful in gaining admission to a selective admission program.

**Current pre-majors with 70 credits or more as of the end of the Spring 1986 semester:**
- Strongly urged to choose a major (other than a pre-major) as soon as possible, since students cannot graduate as pre-majors.

*The **Advising Home** for students in:

Pre-Architecture, Pre-Business & Management, Pre-Computer Science, Pre-Design, Pre-Engineering, Pre-Journalism, and Pre-Radio, Television & Film is the College associated with the student's alternate major. See page 20 for College organization and locations.

The advising home for students in **Pre-Education** will be the College of Education.

The advising home for students in **Pre-Electrical Engineering** will be the College of Engineering, since they are already admitted to the College of Engineering.

# Requirements for Satisfactory Academic Progress (Undergraduate Students)

**THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.**

### GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "W", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

| | | | | |
|---|---|---|---|---|
| A = 4<br>B = 3<br>C = 2<br>D = 1<br>F = 0 | × | NUMBER OF CREDITS IN THE COURSE | = | TOTAL QUALITY POINTS FOR THE COURSE |

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

| *Course* | *Credits Attempted Attempted* | *Grade* | *Quality Points* |
|---|---|---|---|
| ENGL 101 | 3 | C | 6 |
| MATH 110 | 3 | B | 9 |
| ZOOL 101 | 4 | A | 16 |
| PSYC 100 | 3 | D | 3 |
| HIST 156 | 3 | F | 0 |
| Current Semester Totals | 16 | | 34 |
| Previous Semester Totals | 27 | | 74 |
| | 43 | | 108 |

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

### SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded "ACADEMIC HONORS." This notation will be placed on the student's transcript.

### UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

**CREDIT LEVEL = Courses completed at University of Maryland with grades of A, B, C, D, F, P, S and Transfer Credit from other institutions.**

| *CREDIT LEVEL* | *UNSATISFACTORY PERFORMANCE* | *ACADEMIC WARNING* | *ACADEMIC DISMISSAL* |
|---|---|---|---|
| 0-13 | 1.999-1.290 | 1.289-0.230 | 0.229-0.000 |
| 14-28 | 1.999-1.780 | 1.779-1.280 | 1.279-0.000 |
| 29-56 | 1.999-1.860 | 1.859-1.630 | 1.629-0.000 |
| 57-74 | 1.999-1.940 | 1.939-1.830 | 1.829-0.000 |
| 75 OR MORE | — | 1.999-1.940 | 1.939-0.000 |

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be urged, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**

A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.

B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.

C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.**

### ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.
6. Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

### REPEATING COURSES

1. Any course may be repeated. If a course is repeated in which a student already has earned a mark of A, B, C, D, P, or S, the subsequent attempt will not increase the total credits earned to ward the degree. Only the highest mark will be used to compute the G.P.A.
2. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations.

### ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS or about other academic policies and requirements at College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

# Credit by Examination (Undergraduate Students)

Credit may be earned by examination for any undergraduate course, for which a suitable examination has been adopted or can be prepared by the department granting the credit.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library.

# Credit Limits (Undergraduate Students)

Limited to **19 semester hours**

Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

# Foreign Language Placement

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

**College of Arts and Humanities Requirements:** If students have had four levels of one foreign language or two levels in each of two foreign languages as recorded on their high school transcript, they are not required to take any foreign language in the college, although they may elect to do so.

**Classics Department:** Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The departmental advisor, Professor Gregory Staley (Foreign Languages Building, Room 4210) will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 203. College credit is given to students who have earned a 3, 4, or 5 on the Advanced Placement Test in Latin.

**French Department:** A student who has had less than two years high school French should register for FREN 101. Students with good language aptitude are encouraged to enroll in FREN 121 (Accelerated French) instead of FREN 101. Students with two years high school French should normally take FREN 103; three years of high school French, take FREN 104. More than three years high school French: take any course at the 200 level. See the department Placement Officer for additional help. NOTE: Students may not take FREN 102 unless they have taken FREN 101 on this campus. Credit will be given for only *one* of FREN 101, 103 or 121 except on audit basis. Credit will be given for only *one* of FREN 104 or 122 except on audit basis.

**College of Journalism Requirements.** Completion, either by course work or placement, of the equivalent of 12 semester hours of foreign language study.

**Spanish Department:** Students who have had at least two years of high school Spanish, and who wish to continue or resume their study of that language, are urged to take the placement exam if (1) they feel uncertain of their ability to take SPAN 203 or (2) they wish to be exempted from SPAN 203. Students who feel uncertain of their ability to take SPAN 203 may choose to take Spanish 103 (a one semester review course) without taking the University placement exam.

Spanish students placing in 103 must complete 203 to satisfy the college language requirement. Students placing in 203 are required to complete 203 only. Students placing above 203 or who

# Undergraduate Students — Academic Information (Continued)

have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement.

Students may not receive credit for SPAN 103 if they already have credit for both Spanish 101 and 102. When a student receives credit for any course above 102, he/she may not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

**German and Spanish Placement Exam Schedule:**
During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing during Registration will be Friday, January 23 at 3:00 p.m. and Tuesday, January 27 at 3:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call R. Williams (x4752) for appointment.

## Full-Time Status

Effective August 1973, official status (either full-time or part-time) *for academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

**UNDERGRADUATE —** Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.

## Major Changes

If you wish to process a major change go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Design, Education, Engineering, Journalism, or Radio, Television and Film, should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these professional programs may choose a pre-major in these programs. Selection of an alternate major will also be required.

**Second Major:** A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the second major college. Forms for application to a second major are available at college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

## Undergraduate Student Classifications

| | |
|---|---|
| Freshman | 1-27 semester hours |
| Sophomore | 28-55 semester hours |
| Junior | 56-85 semester hours |
| Senior | 86 to at least 120 semester hours |

## Pass-Fail Option (Undergraduate Students)

1. An **undergraduate** who has completed 15 or more credit hours at the College Park Campus and has a cumulative average of at least 2.00 may register for courses on the PASS-FAIL option during any semester or summer session.
2. Certain college requirements, major requirements or field of concentration requirements do not allow the use of the PASS-FAIL option. Certain courses within a department may be designated by that department as not available under the PASS-FAIL option. It is the responsibility of each student electing this option to ascertain in conjunction with his/her Dean, department or major advisor, whether the particular courses will be applicable to degree requirements under the PASS-FAIL option.
3. No more than 20 percent of the College Park campus credits offered toward the degree may be taken on the PASS-FAIL option basis.
4. Students registering for a course under the PASS-FAIL option are required to complete all regular course requirements. Their work will be evaluated by the instructor by the normal procedure for letter grades. The instructor will submit the normal grade. The grades A, B, C, or D will automatically be converted by the Office of Registrations to the grade P on the student's permanent record. In computation of cumulative averages a mark P will not be included; the grade F will be calculated and included in the G.P.A.
5. The choice of grading option may be changed only during the schedule adjustment period for courses in which the student is currently registered.

**NOTE: CHANGES OF GRADING OPTION (E.G., REGULAR TO PASS-FAIL) MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.**

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

## Zero-Level Courses

**CHEM 001* ENGL 001* GERM 001 MATH 001* SLAV 001**

Although these courses carry credit for billing and status purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001 fees are also discussed under Fees and Expenses.

## The University Studies Program

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awarenesses and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students who began baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studjes physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches compare with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

### Outline of the Program

These requirements are effective for students entering in May, 1980 and thereafter, with 8 or less credits from this or any other institution. Students with 9 or more credits from this or any institution prior to May, 1980, may elect this program or the old General University Requirements.

I. FUNDAMENTAL STUDIES — 9 credits (Except for ENGL 391 or 393, must be completed by the time student has completed 30 credit hours).
   A. English Composition — 6 credits
      1. ENGL 101 — 3 credits
         a. Students with TWSE score below 330 take ENGL 101A.
         b. Students with AP score of 4 or 5, or SAT verbal of 600 or above are exempt.
         c. Students who achieve a score of 51 or above on the CLEP Subject Examination College Composition (with essay questions) are exempt.
      2. ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) — 3 credits
         a. Must be taken *after* student has completed 56 credit hours (i.e., has reached junior standing).
         b. Students with A in ENGL 101 (but not 101A or 101X) are exempt.
   B. Mathematics — 3 credits
      MATH 110 (or the modular equivalent MATH 102-3-4) or MATH 115.
      1. Students with the following minimum examination scores or higher are exempt:
         a. SAT( 600
         b. College Board Achievement Tests in Mathematics, Level I or II: 600
         c. Advanced Placement Examinations, Calculus AB or BC: 3
         d. Any CLEP *Subject* Examination in Mathematics: 60
      2. Successful completion of any of the following higher level entry courses than MATH 110: MATH 111, 140, 141, 150, 151, 220, 221, 240, 241, 246, 250, 251; STAT 100, 250.

II. DISTRIBUTIVE STUDIES — min.: 24 credits
   A. Culture and History (min.: 6 credits, 2 courses)
   B. Natural Sciences and Mathematics (min.: 6 credits, 2 courses)
      One course must be a laboratory science.
   C. Literature and the Arts (min.: 6 credits, 2 courses)
      Courses must be taken in two different departments, except HONR courses.
   D. Social and Behavioral Sciences (min.: 6 credits, 2 courses)

III. ADVANCED STUDIES — 6 credits
   This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from two different departments outside the department of the student's major.
   A. The Development of Knowledge (1 course, 3 credits)
      Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
   B. The Analysis of Human Problems (1 course, 3 credits)
      Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

**A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy University Studies Program (USP) requirements if it appears on the following list of approved courses for USP.**

Courses chosen to meet DISTRIBUTIVE STUDIES requirements and ADVANCED STUDIES requirements may be taken on a PASS-FAIL basis. Since certain USP courses which are also used to satisfy college, major, and/or supporting area requirements may NOT be taken PASS-FAIL, students are urged to see an advisor before selecting this grading option. Courses used to satisfy USP FUNDAMENTAL STUDIES requirements may NOT be taken using the PASS-FAIL grading option.

### Distributive Studies (A) Cultural and Historical — Approved Courses

| | | |
|---|---|---|
| AASP | 100 | Introduction to Afro-American Studies |
| AASP | 200 | African Civilizations |
| AASP | 202 | Black Culture in the United States |
| AMST | 201 | Introduction to American Studies I |
| AMST | 205 | Material Aspects of American Life |
| AMST | 207 | Contemporary American Cultures |
| ANTH | 298A | Chesapeake: An Archaeology of Maryland |
| ANTH | 298B | The First Americans |
| CHIN | 101 | Intensive Elementary Chinese I |
| CHIN | 102 | Elementary Spoken Chinese |
| CHIN | 103 | Elementary Written Chinese |
| CHIN | 201 | Intermediate Spoken Chinese I |
| CHIN | 202 | Intermediate Written Chinese I |
| CHIN | 203 | Intermediate Spoken Chinese II |
| CHIN | 204 | Intermediate Written Chinese II |
| CLAS | 170 | Greek & Roman Mythology |
| EDPA | 210 | Historical and Philosophical Perspectives on Education |
| ENGL | 260 | Introduction to Folklore |
| FMCD | 330 | Family Patterns |
| FREN | 101 | Elementary French I |
| FREN | 102 | Elementary French II |
| FREN | 103 | Review of Elementary French |
| FREN | 104/104H | Intermediate French |
| FREN | 121/121H | Accelerated French I |
| FREN | 122/122H | Accelerated French II |
| FREN | 311 | French Conversation: Contemporary Issues |
| FREN | 312 | French Conversation: Current Cultural Events |
| FREN | 370 | Aspects of French Civilization |
| GEOG | 150 | World Cities |
| GEOG | 202 | The World in Cultural Perspective (changed from Area D) |
| GEOG | 321 | Maryland and Adjacent Areas |
| GEOG | 324 | Europe |
| GEOG | 325 | The Soviet Union |
| GEOG | 326 | Africa |
| GEOG | 331 | Southeast Asia |
| GERM | 101 | Elementary German I |
| GERM | 102 | Elementary German II |
| GERM | 103 | Review of Elementary German |
| GERM | 104/104H | Intermediate German |
| GERM | 115 | Intermediate German |
| GERM | 116 | Review of Intermediate German |
| GERM | 141 | Elementary Yiddish I |
| GERM | 142 | Elementary Yiddish II |
| GERM | 144 | Intermediate Yiddish I |
| GERM | 145 | Intermediate Yiddish II |
| GERM | 280 | German-American Cultural Contrast |
| GERM | 281 | Women in German Literature and Society |
| GERM | 282 | Germanic Mythology |
| GERM | 381 | German Civilization I |
| GERM | 382 | German Civilization II |
| GERM | 383 | The Viking Era |
| GERM | 384 | The Age of Chivalry |
| GERM | 389C | Selected Topics in Germanic Area Studies: The Ancient Celts |
| GERM | 389I | Selected Topics in Germanic Area Studies: Ancient India |
| GERM | 489 | Selected Topics in Slavic Area Studies: Medieval Russia |
| GREK | 101 | Elementary Greek |
| GREK | 102 | Elementary Greek |
| GREK | 203 | Intermediate Greek |
| GVPT | 240 | Political Ideologies |
| HEBR | 111 | Elementary Hebrew |
| HEBR | 112 | Elementary Hebrew |
| HEBR | 211 | Intermediate Hebrew |
| HEBR | 212 | Intermediate Hebrew |
| HEBR | 333 | Hebrew Civilization |
| HEBR | 334 | Hebrew Civilization |
| HIST | 101 | Great Ideas, Events and Personalities in History |
| HIST | 115 | Modern Business History |
| HIST | 130 | The Ancient World |
| HIST | 131/131H | The Medieval World |
| HIST | 132 | The Rise of the West, 1500-1789 |
| HIST | 133 | Modern Europe, 1789-Present |
| HIST | 144 & 145 | The Humanities I and II |
| HIST | 156 | History of the United States to 1865 |
| HIST | 200 | Introduction to the History of Science |
| HIST | 201 | Space and Technology in World History: Space/Time/Man/Woman |
| HIST | 210 | Women in America: The Colonial Period to 1880 |
| HIST | 234 | History of Britain to 1485 |
| HIST | 235 | History of Britain 1461-1714 |
| HIST | 236 | History of Britain 1688 to present |
| HIST | 237 | Russian Civilization |
| HIST | 250 | Latin American History I (to 1810) |
| HIST | 251 | Latin American History II |
| HIST | 280 | Islamic Civilization |
| HIST | 282 | History of the Jewish People I (to late Middle Ages) |
| HIST | 284 | East Asian Civilization I (to 1700) |
| HIST | 285 | East Asian Civilization II |
| HIST | 290 | African Civilization |
| HONR | 118 | Freshman Honors Colloq., Cultural and Historical |
| HONR | 318 | Honors Seminar, Cultural and Historical |
| ITAL | 101 | Elementary Italian I |
| ITAL | 102 | Elementary Italian II |
| ITAL | 203 | Intermediate Italian |
| ITAL | 121/121H | Accelerated Italian I |
| ITAL | 122/122H | Accelerated Italian II |
| ITAL | 204 | Review Grammar and Composition |
| ITAL | 211 | Intermediate Conversation |

| | | |
|---|---|---|
| ITAL | 301 | Advanced Conversation and Composition |
| ITAL | 370 | Italian Civilization |
| JAPN | 101 | Elementary Japanese |
| JAPN | 102 | Elementary Japanese II |
| JAPN | 201 | Intermediate Spoken Japanese |
| JAPN | 202 | Intermediate Written Japanese |
| JAPN | 203 | Intermediate Spoken Japanese II |
| JAPN | 204 | Intermediate Written Japanese II |
| JAPN | 217 | Buddhism and Japanese Literature |
| LATN | 101 | Elementary Latin I |
| LATN | 102 | Elementary Latin II |
| LATN | 120 | Intensive Latin |
| LATN | 203 | Intermediate Latin I |
| LATN | 204 | Intermediate Latin II |
| LATN | 220 | Intermediate Intensive Latin |
| PHED | 293 | History of Sport in America |
| PHIL | 100 | Introduction to Philosophy |
| PHIL | 110 | Plato's *Republic* |
| PHIL | 243 | Philosophy of Rural Life |
| PHIL | 250 | Philosophy of Science I |
| PORT | 101 | Elementary Portuguese I |
| PORT | 102 | Elementary Portuguese II |
| PORT | 203 | Intermediate Portuguese |
| SLAV | 101 | Elementary Russian I |
| SLAV | 102 | Elementary Russian II |
| SLAV | 104 | Intermediate Russian |
| SLAV | 281 | Russian Culture |
| SPAN | 101 | Elementary Spanish I |
| SPAN | 102 | Elementary Spanish II |
| SPAN | 103 | Review of Elementary Spanish |
| SPAN | 203/203H | Intermediate Spanish |
| SPAN | 204 | Review of Oral and Written Spanish |
| SPAN | 205 | Intermediate Conversation |
| SPAN | 311 | Advanced Conversation I |
| SPAN | 312 | Advanced Conversation II |
| TEXT | 345 | History of Costume I |
| TEXT | 347 | History of Costume II |
| TEXT | 363 | History of Textiles |
| THET | 310 | The American Theatre |

## Distributive Studies (B) Natural Sciences and Mathematics — Approved Courses

**Lab Sciences**

| | | |
|---|---|---|
| AGRO | 100 & 102 | Crops Laboratory & Crop Production |
| AGRO | 302 | General Soils |
| ASTR | 100 & 110 or 111 | Introductory Astronomy & Astronomy Laboratory |
| BIOL | 101 & 102 | Organization and Interrelationships in the Biological World & Laboratory in Biology |
| BOTN | 100 | General Botany for Non-science Students |
| BOTN | 101 | General Botany |
| CHEM | 102 | Chemistry of Man's Environment |
| CHEM | 103 | General Chemistry I |
| CHEM | 104 | Fundamentals of Organic and Biochemistry |
| CHEM | 105 | Principles of General Chemistry I |
| CHEM | 111 | Chemistry in Modern Life |
| CHEM | 113 | General Chemistry II |
| CHEM | 115 | Principles of General Chemistry II |
| ENTM | 205 | Principles of Entomology |
| GEOG | 170 & 171 | Maps and Map Use & Maps and Map Use Laboratory |
| GEOG | 201 & 211 | The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory |
| GEOL | 100 & 110 | Introductory Physical Geology & Physical Geology Laboratory |
| MICB | 100 | Basic Microbiology |
| MICB | 200 | General Microbiology |
| PHED | 360 | Physiology of Exercise |
| PHYS | 102 & 103 | Physics of Music & Physics of Music Laboratory |
| PHYS | 106 & 107 | Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory |
| PHYS | 111 | Physics in the Modern World |
| PHYS | 114 | Energy and the Environment |
| PHYS | 117 | Introduction to Physics |
| PHYS | 121 | Fundamentals of Physics I |
| PHYS | 122 | Fundamentals of Physics II |
| PHYS | 141 | Principles of Physics I |
| PHYS | 142 | Principles of Physics II |
| PHYS | 191 & 195 | Introductory Physics I: Mechanics & Introductory Physics Laboratory I |
| PHYS | 192 & 196 | Introductory Physics: Thermodynamics, Waves and Special Relativity & Introductory Physics Laboratory II |
| PHYS | 293 & 295 | Introductory Physics: Electricity & Magnetism & Intermediate Physics Laboratory |
| PHYS | 294 & 296 | Introductory Physics: Optics & Modern Physics & Intermediate Physics Laboratory |
| PHYS | 221 | General Physics for Science Teachers I |
| PHYS | 222 | General Physics for Science Teachers II |
| PHYS | 262 | General Physics: Vibrations, Waves, Heat, Electricity and Magnetism |
| PHYS | 263 | General Physics: Electrodynamics, Light, Relativity and Modern Physics |
| ZOOL | 101 | General Zoology |
| ZOOL | 210 | Animal Diversity |
| ZOOL | 212 | Ecology, Evolution and Behavior |

**Non-Lab Sciences & Mathematics**

| | | |
|---|---|---|
| AGRO | 105 | Soil and the Environment |
| ANSC | 101 | Principles of Animal Science |
| ANTH | 101 | Introduction to Anthropology |
| ASTR | 100 | Introductory Astronomy |
| ASTR | 181 | Introductory Astronomy and Astrophysics I |
| ASTR | 182 | Introductory Astronomy and Astrophysics II |
| ASTR | 350 | Astronomy and Astrophysics |
| BIOL | 101 | Organization and Interrelationships in the Biological World |
| BOTN | 200 | Humanistic Botany |
| BOTN | 211 | Ecology and Mankind |
| CHEM | 107 | Chemistry and Man |
| ENAG | 232 | Water: A Renewable Resource |
| ENES | 120 | Noise Pollution |
| ENES | 121 | The Man-Made World |
| ENTM | 100 | Insects |
| GEOG | 140 | Coastal Environments |
| GEOG | 170 | Maps and Map Use |
| GEOG | 201 | The Geography of Environmental Systems |
| GEOL | 100 | Physical Geology |
| GEOL | 101 | Physical Geology for Science Students |
| GEOL | 102 | Historical Geology |
| GEOL | 120 | Environmental Geology |
| HESP | 305 | Anatomy & Physiology of the Speech Mechanism |
| HONR | 128 | Freshman Honors Colloq.: Natural Sciences and Mathematics |
| HONR | 328 | Honors Seminar: Natural Sciences and Mathematics |
| HORT | 100 | Introductio to Horticulture |
| MATH | 105 | Mathematical Ideas |
| MATH | 111 | Introduction to Math II |
| MATH | 140 | Calculus I |
| MATH | 141 | Calculus II |
| MATH | 150 | Calculus I (Honors) |
| MATH | 151 | Calculus II (Honors) |
| MATH | 210 | Elements of Mathematics |
| MATH | 211 | Elements of Geometry |
| MATH | 220 | Elementary Calculus I |
| MATH | 221 | Elementary Calculus II |
| MATH | 240 | Introduction to Linear Algebra |
| MATH | 241 | Calculus III |
| MATH | 246 | Differential Equations for Scientists and Engineers |
| MATH | 250 | Calculus III (Honors) |
| MATH | 251 | Calculus IV (Honors) |
| METO | 100 | Weather and Life |
| MICB | 322 | Microbiology and the Public |
| NUTR | 100 | Elements of Nutrition |
| PHIL | 271 | Symbol Logic I |
| PHYS | 101 | Contemporary Physics |
| PHYS | 102 | Physics of Music |
| PHYS | 106 | Light, Perception, Photography & Visual Phenomena |
| PHYS | 111 | Physics in the Modern World I |
| PHYS | 112 | Physics in the Modern World II |
| PHYS | 161 | General Physics: Mechanics and Particle Dynamics |
| PSYC | 206 | Developmental Biopsychology |
| PSYC | 301 | Biological Basis of Behavior |
| SOCY | 201 | Introductory Statistics for Sociology |
| STAT | 100 | Elementary Statistics and Probability |
| STAT | 250 | Introduction to Statistical Models |
| ZOOL | 181 | Life in the Oceans |

## Distributive Studies (C) Literature and the Arts — Approved Courses

| | | |
|---|---|---|
| APDS | 104 | Survey of Design History |
| ARCH | 170 | An Introduction to the Built Environment |
| ARCH | 222 | History of Western Architecture |
| ARTH | 100 | Introduction to Art |
| ARTH | 260 | History of Art I |
| ARTH | 261 | History of Art II |
| ARTH | 262 | Arts of Asia |
| ARTH | 284 | Introduction to African Art |
| CHIN | 313 | Chinese Poetry and Prose in Translation I |
| CHIN | 314 | Chinese Fiction and Drama in Transition |
| CHIN | 315 | Modern Chinese Literature in Transition |
| CHIN | 441 | Traditional Chinese Fiction |
| CHIN | 442 | Modern Chinese Fiction |
| CLAS | 370 | Greek Literature in Translation |
| CLAS | 371 | Latin Literature in Translation |
| DANC | 200 | Introduction to Dance |
| ENGL | 201 | World Literature: Homer to the Renaissance |
| ENGL | 202 | World Literature: The Renaissance to the Present |
| ENGL | 205 | Introduction to Shakespeare |
| ENGL | 234 | Introduction to Afro-American Literature |
| ENGL | 240 | Introduction to Literary Form: Fiction, Poetry, Drama |
| ENGL | 241 | Introduction to the Novel |
| ENGL | 242 | Fact and Fiction: Forms of Non-Fiction Prose |
| ENGL | 243 | Introduction to Poetry |
| ENGL | 244 | Introduction to Drama |
| ENGL | 245 | Introduction to the Film as Literature |
| ENGL | 246 | The Short Story |
| ENGL | 247 | The Literature of Fantasy |
| ENGL | 250 | Women in Literature |
| ENGL | 271 | Honors World Literature: Homer to the Renaissance |
| ENGL | 272 | Honors World Literature: Renaissance to the 20th Century |
| ENGL | 301 | Critical Methods in the Study of Literature |
| ENGL | 302 | English Medieval Literature in Translation |
| ENGL | 304 | Major Works of Shakespeare |
| ENGL | 305 | Shakespeare and His Contemporaries: An Introduction |
| ENGL | 310 | English Literature: Beginnings to 1800 |
| ENGL | 311 | English Literature: 1800 to the Present |
| ENGL | 312 | Romantic to Modern British Literature |
| ENGL | 313 | American Literature |
| ENGL | 345 | Twentieth Century Poetry of Britain and America |
| FREN | 250 | Readings in French |
| FREN | 340 | Modern French Literature in Translation |
| FREN | 350/350H | Advanced Readings in French |
| FREN | 351/351H | French Literature from the Revolution to the Present |
| FREN | 352/352H | French Literature from the Middle Ages to the Revolution |
| GERM | 220 | Introduction to German Literature |
| GERM | 285 | German Film and Literature |
| GREK | 204 | Intermediate Greek (Homer) |
| HEBR | 223 | The Hebrew Bible: Narrative |
| HEBR | 224 | The Hebrew Bible: Poetry and Rhetoric |
| HEBR | 231 | Jewish Literature in Translation |
| HONR | 138 | Freshman Honors Colloquium: Literature and the Arts |
| HONR | 338 | Honors Seminar: Literature and the Arts |
| HORT | 160 | Introduction to the Art of Landscaping |
| ITAL | 251 | Introduction to Italian Literature |
| ITAL | 351 | Italian Literature from Dante to the Renaissance |
| ITAL | 352 | Italian Literature from the Renaissance to the Present |
| ITAL | 376 | The Italian Opera Libretto |
| MUSC | 130 | Survey of Music Literature |
| MUSC | 140 | Music Fundamentals I |
| MUSC | 141 | Music Fundamentals II |
| MUSC | 215 | The Art of the Performer |
| RTVF | 314 | Introduction to the Film |
| SLAV | 328A | Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky |
| SLAV | 328B | Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov |
| SPAN | 221 | Readings in Spanish |
| SPAN | 321 | Survey of Spanish Literature: 12th-17th Century |
| SPAN | 322 | Survey of Spanish Literature: 18th-20th Century |
| SPAN | 323 | Survey of Spanish American Literature I |
| SPAN | 324 | Survey of Spanish American Literature II |
| THET | 110 | Introduction to the Theatre |
| WMST | 250 | Women, Art, and Culture |

## Distributive Studies (D) Social and Behavioral Sciences — Approved Courses

| | | |
|---|---|---|
| AMST | 203 | Popular Culture in America |
| AMST | 204 | Film and American Culture Studies |
| AMST | 206 | Business and American Culture Studies |
| ANTH | 102 | Introduction to Anthropology |
| ANTH | 221 | Man and Environment |
| ANTH | 241 | Introduction to Archaeology |
| ANTH | 271 | Language and Culture |
| AREC | 240 | Environmental and Human Ecology |
| ARSC | 310 | Management & Leadership I |
| BSOS | 200 | Introduction to Applied Behavioral and Social Sciences |
| CJUS | 100 | Introduction to Law Enforcement |
| CNEC | 100 | Introduction to Consumer Economics |
| CRIM | 220 | Criminology |
| ECON | 105 | Economics of Social Problems |
| ECON | 201 | Principles of Economics I |
| ECON | 203 | Principles of Economics II |
| ECON | 205 | Fundamentals of Economics |
| ECON | 307 | Development of Economic Ideas |
| ECON | 310 | Evolution of Modern Capitalism in Western Europe and the United States |
| ECON | 311 | American Economic Development |
| EDHD | 306 | A Study of Human Behavior |
| EDHD | 330 | Human Development and Societal Institutions |
| EDPA | 201 | Education in Contemporary American Society |
| FMCD | 201 | Concepts in Community Development |
| FMCD | 250 | Decision-Making in Families and Communities |
| FOOD | 110 | Food for People |
| FOOD | 300 | Economics of Food Consumption |
| GEOG | 100 | Introduction to Geography |
| GEOG | 110 | The World Today: A Regional Geography |
| GEOG | 130 | Developing Countries |
| GEOG | 203 | Economic Geography |
| GVPT | 100 | Principles of Government and Politics |
| GVPT | 170 | American Government |
| GVPT | 220 | Introduction to Political Behavior |
| GVPT | 273 | Introduction to Environmental Policy |
| GVPT | 300 | International Political Relations |
| GVPT | 343 | Political Themes in Contemporary Literature |
| HESP | 120 | Introduction to Linguistics |
| HIST | 157 | History of the U.S. Since 1865 |
| HIST | 275 | Law and Constitutionalism in American History |
| HLTH | 230 | Introduction to Health Behavior |
| HLTH | 285 | Controlling Stress & Tension |
| HONR | 148 | Freshman Honors Colloquium: Social and Behavioral Sciences |
| HONR | 348 | Honors Seminar: Social and Behavioral Sciences |
| JOUR | 100 | Introduction to Mass Communication |
| LING | 200 | Introduction to Linguistics |
| LING | 240 | Language and Mind |
| PHED | 287 | Sport and American Society |
| PHED | 350 | Psychology of Sport |
| PHED | 385 | Motor Learning and Skilled Performance |
| PHIL | 140 | Contemporary Moral Issues |
| PHIL | 245 | Political and Social Philosophy I |
| PSYC | 100 | Introduction to Psychology |
| PSYC | 221 | Social Psychology |
| PSYC | 310 | Perception |
| PSYC | 331 | Introduction to Abnormal Psychology |
| PSYC | 335 | Personality and Adjustment |
| PSYC | 355 | Child Psychology |
| RECR | 130 | Recreation and Leisure |
| RTVF | 124 | Mass Communication in 20th Century Society |
| SOCY | 100 | Introduction to Sociology |
| SOCY | 105 | Introduction to Contemporary Social Problems |
| SOCY | 230 | Sociological Social Psychology |
| SOCY | 300 | American Society |
| SOCY | 327 | Introduction to the Study of Deviance |
| SOCY | 331 | Work, Bureaucracy and Industry |
| SOCY | 341 | Inequality in American Society |
| SPCH | 350 | Foundation of Communication Theory |
| URBS | 100 | Introduction to Interdisciplinary Urban Studies |
| URBS | 210 | Behavioral and Social Dimensions of the Urban Community |
| URBS | 220 | Environmental and Technological Dimensions of the Urban Community |
| URBS | 320 | The City and the Developing National Culture of the United States |
| WMST | 200 | Introduction to Women's Studies |

# ADVANCED STUDIES: Approved Courses

The courses described below have been approved for Advanced Studies credit and are being offered in the Fall semester, 1986. Many other courses have also been approved and will be offered in subsequent semesters. A list of those courses and their titles follows the Fall course offerings.

**NOTE: Advanced Studies courses must be taken in two different departments outside of the student's major (except HONR courses).**

## DEVELOPMENT OF KNOWLEDGE

**AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY.** American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

**AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE.** Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

**ANTH 371 — INTRODUCTION TO LINGUISTICS.** Discourse analysis covers not only the verbal rules and standards of language use, but the rules of social production and exchange as well. This course examines the ways in which modern linguistic theory and practice has been influenced by discourse research. Perspectives from anthropology, linguistics and literary study are explored and compared. Prerequisites: ANTH 102 or 271 or related courses, and permission of instructor.

**ANTH 389C — CULTURE AND PERSONALITY.** Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

**ANTH 401 — CULTURAL ANTHROPOLOGY: PRINCIPLES AND PROCESSES.** A critical examination of the ways in which anthropologists view themselves and the peoples they study. This course focuses attention on the general principles which guide anthropological inquiry and on the processes involved in working in other cultures. Brief take home exams and final paper required. Prerequisite: ANTH 102 or 221 or related course in behavioral and social sciences.

**ANTH 451 — ARCHAEOLOGY OF THE NEW WORLD.** This course offers a survey of archaeological research in North and South America. Material will include prehistoric settlement of the Americas by Indian peoples as well as historical events related to the colonization and development of the two continents. Included will be a special section devoted to the archaeology of Maryland. Emphasis will be on the way theories of the past have influenced our thinking about our heritage and our concept of the present. Prerequisite: ANTH 101 or 241 or equivalent course in a related field and permission of instructor.

**ASTR 300 — STARS AND STELLAR SYSTEMS.** Studies the properties of stars both individually and in aggregate. Some questions addressed are: How does a star change with time and how can this be checked when the evolution occurs on a scale of hundreds of millions of years? What finally happens to stars — white dwarfs, supernovae, neutron stars and black holes? How do we deal with physics in extreme conditions? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

**ASTR 330 — SOLAR SYSTEM ASTRONOMY.** Studies the components of the solar system and the properties and evolution of the system as a whole. Some questions addressed are: How can one set up a comparative scheme for studying the planets? Why are the makeup and state of the planets so different? How can various pieces of information be fitted together to determine how the solar system formed and how it evolved? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

**ASTR 340 — GALAXIES AND THE UNIVERSE.** Studies the large scale structure of the Universe and its major components, the origin and evolution of the Universe. Questions addressed include: How can we determine properties of extremely distant objects? Why do we believe the Universe is evolving and how can we find out about conditions at the earliest epochs? Prerequisite: ASTR 100 and the completion of Natural Sciences and Mathematics requirement.

**ASTR 380 — LIFE IN THE UNIVERSE.** Studies the astronomical perspective of the probability of life existing elsewhere in the Universe. Some questions to be addressed are: What are the conditions necessary for life to arise? How can one test for the presence of life elsewhere? If there is life elsewhere, how can we communicate with them? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

**CJUS 330 — CONTEMPORARY LEGAL POLICY ISSUES.** Provides an in-depth examination of selected topics relevant to the legal system, utilizing both legal and ethical reasoning. Issues recently included in the course have been abortion, the draft and civil disobedience, "victimless crimes," biomedical technology in the alteration and termination of life, and development of critical thought skills. Prerequisites: CJUS 230 and 234 or equivalent.

**CLAS 320 — WOMEN IN CLASSICAL ANTIQUITY.** Studies women's image and reality in ancient Greek and Roman societies through examining literary, linguistic, historical, legal and artistic evidence. Emphasis on women's roles in the family, views of female sexuality, the place of women in creative art. No knowledge of Greek or Latin required. Prerequisite: An introduction course in one of the following: literature, philosophy, cultural anthropology, psychology or sociology.

**CLAS 470 — ADVANCED GREEK AND ROMAN MYTHOLOGY.** The literary and artistic versions of selected myths (Herakles, Odysseus, the House of Atreus, Jason and Medea, Aeneas) and their survival and transformation in post-Classical literature, art and music. Readings will also include modern interpretation of myth, from cultural, allegorical, structuralist, and psychological viewpoints. Prerequisite: CLAS 170 or permission of instructor.

**ECON 402 — BUSINESS CYCLES.** Examination of the growth patterns of the American economy and how computer models can be used to represent the structure of the economy and to analyze how fiscal and monetary policies affect economic performance. Modeling techniques will be illustrated by allowing the student to use and modify an existing computer model in class. A computer background is not required. Prerequisite: ECON 430.

**EDCI 488N — LEARNING STYLES AND LEARNING ENVIRONMENTS.** An opportunity to examine your own style of learning through self-report instruments and how you function in different learning environments through direct experiences and reflection. Prerequisite: completion of Social and Behavioral Sciences requirement.

**EDMS 451 — INTRODUCTION TO EDUCATIONAL STATISTICS.** Introduction to Statistics is designed for the student interested in the application and interpretation of statistics to a variety of problems in the social sciences (e.g., education, nutrition, science, criminology). Students are taught specific statistical techniques (e.g., mean, variance, t-tests) as well as critical appraisal of the strengths and limitations of those techniques. Prerequisite: completion of the Social and Behavioral Sciences requirement. **NOTE: Students who have credit for PSYC 200, ECON 421, BMGT 230/231, GVPT 422, GEOG 305 or SOCY 201 *cannot* receive credit for EDMS 451. Students who wish to use EDMS 451 in lieu of one of the above must receive approval from their department academic advisor.**

**ENGL 379A — SPECIAL TOPICS IN LITERATURE: STUDIES IN MYTHMAKING.** Examines mythic thinking and figuration as a way of organizing and dealing with the world, and as a mode of creative perception far removed from our present mode of logical, rational analysis of data. Uses key selections from the Bible as familiar concepts and archetypal figures of northern European mythologies and compares them to the secondary, imaginative mythology of Tolkien's *The Silmarillion.* Prerequisite: two lower level English courses.

**ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS.** Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

**ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE.** Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

**ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION.** Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

**ENGL 385 — SEMANTICS.** Examines two ways of understanding meaning from a linguistic point of view, one through the special meanings provided by context and the other through the basic relationships which nouns in a sentence have to each other and to the verb. Several special languages and their contexts are examined, providing an insight into how such language is intended to be understood and how in fact is understood by hearers and readers. Prerequisites: two lower division English courses.

**ENGL 412 — LITERATURE OF THE SEVENTEENTH CENTURY, 1600-1660.** Examines seventeenth-century English prose and poetry against a background of some of the issues concerning truth and attitudes towards language as a means of communicating truth that arose in part from the Copernican Revolution. In the context of diverse reactions to central epistemological questions, the course will also address such issues as the role of the imagination in aesthetic theory and the role of the artist in society. Prerequisite: completion of two literature courses.

**ENGL 420 — LITERATURE OF THE ROMANTIC PERIOD.** Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience, has been influenced by the Romantic Revolution. Prerequisites: completion of two literature courses.

**ENGL 432 — AMERICAN LITERATURE, 1865-1914: REALISM & NATURALISM.** This course explores two major modes of thought characteristic of late 19th and early 20th century American literature: Realism and Naturalism. The one was a manifestation of rebellion against romanticism in Post-Civil War America; the other derived from the impact of evolutionary thought on the Judeo-Christian tradition. Among the authors responding to these challenges were Dickinson, Twain, Howells, James, Crane, London, Norris, Dreiser, Robinson, and Frost. Prerequisite: Two lower division English courses, at least one in literature.

**ENGL 453 — LITERARY CRITICISM.** Studies the problems of linguistic meaning and knowledge, especially as they involve literature. Around the question of "what is literature?" the course explores the nature of a text, the validity of interpretation, and, in general, the relationship between reality, language, and the literary work of art. Prerequisite: completion of two literature courses.

**ENGL 479R — READERS, WRITERS AND RHETORIC.** Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of non-fiction prose. Reading is presented as a complex, active process of constructing meaning in a text. Prerequisites: two literature courses. NO PASS/FAIL OPTION.

**ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING.** Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for the examination, the course treats not only language which is peculiar to advertising, but also various uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: two lower level English courses.

**GEOG 370 — PRINCIPLES OF CARTOGRAPHY.** Techniques and problems of compilation, symbolization, design and construction of special purpose maps. Focus will be on the methods of improving map design based on the organization of map components and the proper selection of symbols. Lecture/Laboratory.

**GERM 349A — YIDDISH CULTURE: THE HOLOCAUST IN FILM AND LITERATURE.** Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

**GVPT 441 — HISTORY OF POLITICAL THEORY: ANCIENT AND MEDIEVAL.** A survey of the principal political theories, set forth in the works of writers before Machiavelli. Prerequisite: GVPT 100.

**GVPT 442 — HISTORY OF POLITICAL THEORY: MEDIEVAL TO RECENT.** A theory course designed to introduce students to some of the central figures in western political theory since the fifteenth century. The student will confront some major problems that have preoccupied political philosophers such as Machiavelli, Hobbes, Locke, Rousseau and Marx. Special attention will be given a discussion of "What is human nature?" and "What is the relationship of the individual to the state?" Prerequisite: GVPT 170.

**GVPT 443 — CONTEMPORARY POLITICAL THEORY.** The course will revolve around the theme "The Crisis of Modernity and Efforts at Reconstruction." We begin with Nietzsche and his critique of the enlightenment project as well as various other criticisms, and then we will turn to efforts at trying to rebuild a normative basis for modern politics. Prerequisite: GVPT 170.

**HEBR 498R — RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA.** What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisites: one course in ancient or medieval history or one course in a foreign language.

**HIST 403 — 20th CENTURY REVOLUTIONS IN THE PHYSICAL SCIENCES.** The course will focus on three revolutionary changes in our knowledge of the physical world since 1900: quantum theory and atomic structure; relativity and cosmology; theories of the structure and development of the earth, including plate tectonics. Topics include the career of Albert Einstein, the philosophical implications of quantum mechanics, technological applications such as the atomic bomb and the transistor, properties of matter, and theories of scientific revolutions. Prerequisites: PHYS 318, 420 or equivalent.

**HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION.** A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

**HONR 368 — HONORS SEMINAR: DEVELOPMENT OF KNOWLEDGE**

**LING 440 — GRAMMARS AND COGNITION.** Relationship between the structure, development and functioning of grammars and the structure, development and functioning of other mental systems. Interpretations of experimental and observational work and children's language, and speech comprehension. Prerequisites: LING 240.

**MATH 310 — INTRODUCTION TO MATHEMATICAL REASONING.** The course is designed to introduce students at a fairly elementary level to two fundamental aspects of the development of mathematics. These aspects are the concepts identified with "proving" mathematical statements and foundations of analysis. The idea is not to present formal logical systems, but rather to give pragmatic approaches to doing mathematics. Prerequisite: MATH 141.

**MATH 406 — INTRODUCTION TO NUMBER THEORY.** Gives an introduction to one of the most ancient subjects of human thought: the properties of the natural numbers 1, 2, 3 . . . The natural numbers have always fascinated people, from the mystic to the layman to the scientist. Throughout the ages it has been one of the most popular topics for "amateur" mathematicians. However, the course does require a reasonable mathematical maturity and contains many proofs. Prerequisite: MATH 141.

**MATH 430 — EUCLIDIAN AND NON-EUCLIDIAN GEOMETRIES.** The subject matter of MATH 430 is visually intuitive, easily accessible (high school geometry is unnecessary), historically and culturally significant. In the history of Science and Philosophy the realization Euclidian Geometry is not uniquely consistent with our spatial intuition was a milestone. Negating the Parallel Postulate produces a geometry as logically consistent and as adequate for studying our surroundings. The course begins with simple definitions, proceeds to state the postulates of geometry and then eases the student into proving the relevant theorems in increasing order of difficulty. Prerequisite: MATH 140, 141 or equivalent.

**MUSC 340 — MUSIC LITERATURE SURVEY I.** This course highlights inquiry of sound through student involvement in the compositional process. The goal is conceptual understanding, gained through first-hand and direct experiences in composing, conducting, performing, and listening. The teacher's role is to guide, rather than dictate, student exploration, discovery, and evaluation of the totality of the musical art. Prerequisite: MUSC 130, or MUSC 140, or permission of instructor.

**NUTR 335 — HISTORY OF NUTRITION.** The evaluation of concepts in the development of our present state of knowledge in nutrition. The role of social conditions in motivating scientific investigators to become involved in nutrition research is explored along with the discoveries that have been and are being made. The clash of cultural values in reaching solutions to nutritional problems. Prerequisites: NUTR 100 or 200.

**PHED 362 — PHILOSOPHY OF SPORT.** An introduction to the form and content of the philosophy of sport and the body. The course emphasizes the basis of knowledge in and about sport, the structure and theories of the discipline, the ontological and moral implications and dilemmas involving sport, the aesthetic status of sport, and the interactions between philosophy and the scientific and humanistic aspects of sport. Prerequisite: Three hours of USP Distributive Studies in Physical Education.

**PHIL 308C — PHILOSOPHY AND COMPUTERS.** This course is an introduction to two kinds of philosophical issues concerning computers. First, we shall examine, in non-technical form, some of the major concepts and results in the abstract theory of computation. We shall then investigate, with this preparation, some fundamental topics, focusing on the question, "Can machines think?" Prerequisites: one course in logic or computer science.

**PHIL 310 — ANCIENT PHILOSOPHY.** Major Greek philosophers through Aristotle, studied in the context of the intellectual revolutions in classical Greece that have shaped western thought ever since. The contrast between mythological and scientific explanations, the emergence of philosophy as a separate discipline, the idea of scientific knowledge, the possibility of a meta-physical science, the creation of logic, and moral theory. Prerequisite: one philosophy course.

**PHIL 328B — MARXIST PHILOSOPHY.** The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

**PHIL 331 — PHILOSOPHY OF ART.** Studies the concept of art in the broad sense, covering painting, sculpture, music, poetry, and architecture. Considers especially the role of knowledge, of various sorts and in various senses, in the emergence of the "fine arts." Ends with a study of the current art scene including both fine and popular, major and minor, mainstream and fringe arts and art works. Prerequisite: two art courses or one philosophy course.

**PHIL 332 — PHILOSOPHY OF BEAUTY.** Reviews the literature on beauty and related values (the sublime, the exquisite, the graceful, the harmonious), culminating in a contemporary theory which ranges over beauty both natural and man-made, whether sensuous, intellectual or moral. Makes a serious effort to develop an intelligible basis for aesthetic judgements. Course work includes student projects of aesthetic discernment and evaluation. Prerequisite: two art courses or one philosophy course.

**PHIL 447 — PHILOSOPHY OF LAW.** Critical philosophical thinking about law in general and about law as it applies to particular types of behavior. Such questions as whether there is an area of private behavior that is beyond the proper authority of the law to limit or regulate; and whether there is a defensible rationale for assigning legal liability for damage negligently caused. Prerequisite: one philosophy course.

**PHIL 451 — SCIENTIFIC THOUGHT II.** A critical survey of modern science and its philosophical interpretation, centering on the scientific revolution of the sixteenth and seventeenth centuries, the emergence of the "mechanical philosophy of nature," and the gradual decline of that viewpoint extending into the early twentieth century. Throughout, relations to developments in philosophy and other areas of human thought will be emphasized. Prerequisites: three courses in science or philosophy.

**PHYS 420 — PRINCIPLES OF MODERN PHYSICS.** A one semester introduction to the major revolutions in twentieth-century physics: the special theory of relativity and quantum mechanics. The experimental evidence and the changes in our understanding of the universe that they produce will be examined. Appropriate for engineers and scientists. Prerequisite: PHYS 263 or 294, or PHYS 404, 405; and MATH 241 and 246.

**PHYS 421 — INTRODUCTION TO MODERN PHYSICS.** This first half of a one-year course deals with the special discovery of relativity, and a discussion of quantum mechanics, its foundations, and its application to one-electron atoms. The second semester continues with applications to complex atoms, molecules, solids, nuclei, and elementary particles. Appropriate for scientists and engineers. Prerequisite: PHYS 294; MATH 241, and some knowledge of ordinary differential equations.

**SOCY 498K — SOCIOLOGY OF KNOWLEDGE.** The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Basic approach will be sociological. Instead of seeing knowledge as gained and respected for purely logical or empirical reasons, we will examine the acquisition and acceptance of knowledge as a *social* process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Prerequisite: Introduction to Sociology, Philosophy or History.

**THET 495 — HISTORY OF THEATRICAL THEORY & CRITICISM.** The course will offer a systematic introduction to the range of thinking about the nature of theatre by examining the changing views of drama and theatre from ancient times to our own. In pursuit of this purpose, we will compare claims made for theatre by each theorist, consider how each theory expresses its own intellectual milieu, and suggest the implications of the theoretical position in light of contemporary theory and practice. Prerequisites: completion either of Area A, or of Area C of Distributive Studies.

**WMST 400 — THEORIES OF FEMINISM.** This course seeks to acquaint students with a variety of explanations for the woman's position in the family, the workplace, and society and a variety of solutions for increasing female autonomy, self-definition, and power. Major feminist writings are considered in the context of their historical moment and in the context of the intellectual traditions to which they relate. Prerequisite: Lower-level WMST course or instructor's permission.

## ANALYSIS OF HUMAN PROBLEMS

**AEED 323 — DEVELOPING YOUTH PROGRAMS.** What kinds of nonformal (out-of-school) educational programs exist to serve youth? Are these programs adequate? This course 1) analyzes youth's personal and program needs outside schools, 2) examines how programs are developed, and 3) explores present policy options and future predictions regarding youth, nonformal education, and society. Prerequisite: EDHD 306 or PSYC 100 or SOCY 100 or SOCY 105.

**AGRO 303 — INTRODUCTION TO CROP PRODUCTION.** An introduction to the dimensions of world hunger from the perspective of the crop sciences. Course will consider the problems and potentials for increasing world food supply based on current agronomic knowledge. Emphasis on international aspects of food crop production, and the interrelationships between agriculture and human populations in the developing world. Prerequisites: BOTN 100 or equivalent.

**AMST 330 — CRITICS OF AMERICAN CULTURE.** This course traces the analysis of these central social problems from the Colonial period to the present, showing how they retain their basic structures while they acquire new dimensions, new manifestations. The readings are organized to show an informal dialectic, i.e. the problems are presented as oppositions of self-definition, of social policy, and of cultural disposition with attempts of syntheses, or compromises, reconciliations as well. Texts might include, in addition to the works mentioned above, Thoreau's *Walden*, the *Education of Henry Adams*, Ayn Rand's *The Virtue of Selfishness*, and John Dewey's *The Public and Its Problems*, as well as secondary source writings of such American Studies scholars as Henry Nash Smith, Leo Marx, R.W.B. Lewis, Russel Nye and Carl Bode. Course will be organized as a colloquium. Prerequisite: AMST 201 or three hours of American History or PHIL 245.

**ANTH 389B — MEDICINE, HEALTH AND CULTURE.** Anthropologists study medical and health behavior in diverse cultural settings. The subject matter for this course ranges from traditional healing and health care practices to contemporary United States medical treatment. Topics include nutrition, cross-cultural dimensions of mental health, medical practices, and professional roles for health practitioners. Prerequisites: ANTH 102 or related course in the social sciences and permission of instructor.

**AREC 365 — WORLD HUNGER, POPULATION, AND FOOD SUPPLIES.** An introduction to the problem of world hunger and possible solutions to it. World demand, supply, and distribution of food. Alternatives for leveling off world food demand, increasing the supply of food, and improving its distribution. Environmental limitations to increasing world food production.

**ARHU 308A — POST WORLD WAR II JAPAN THROUGH FILM AND FICTION.** A critical analysis, using fiction, film, and historical writing, of Japan's defeat in World War II, postwar trauma as an occupied country, and ultimate national recovery and emergence as an economic superpower. It asks what changed and what continued and why in Japanese politics, economic life, educational system, the arts, the family and value system, and international relations. Topics include war guilt and the psychology of defeat; the human costs of the atomic bomb; occupation reforms and interaction with the conquerors; peace and security treaties and the resumption of international relations; changing family and social roles; creativity in the arts and sciences; competition in world trade and high technology. Prerequisites: completion of Social & Behavioral Sciences.

**CHEM 374 — TECHNOLOGY, ENERGY AND RISK.** Lectures and discussion on decision-making in a technological, democratic society. Such decisions are often made with incomplete scientific information under heavy pressure from industries, environmental advocates and other groups. Decisions usually involve a balance of benefits vs. costs and risks, the latter as perceived by the public, which is poorly informed by media. These problems will be illustrated by coverage of current issues such as acid rain, nuclear power, synthetic organic chemicals. Prerequisites: Junior standing.

**CLAS 374 — GREEK TRAGEDY.** The course will highlight problems faced by Greek tragic heroes and heroines at crossroads in their lives, and it will examine the way they defended their actions and decisions when responding to these problems. Tragedies of Aeschylus, Sophocles and Euripides will be studied by means of lectures, discussions, videotapes, and slides.

**CNEC 310 — CONSUMER ECONOMICS AND PUBLIC POLICY.** Designed to provide students with an understanding of the role of the private and public sector in meeting consumer needs. The need for social intervention and procedures for evaluating the impact of such intervention are discussed. Case studies are used to illustrate the interaction between economic and political considerations. Prerequisite: ECON 201 and 202.

**CNEC 431 — THE CONSUMER AND THE LAW.** A study of legislation affecting consumer goods and services. Topics covered include product safety and liability, packaging and labeling, deceptive advertising, and consumer credit. The implications of such legislation for consumer welfare with particular emphasis on the disadvantaged groups in our society will be examined. These questions are analyzed on both a theoretical and on an applied level. Prerequisite: Completion of Social & Behavioral Science requirement.

**CNEC 435 — ECONOMICS OF CONSUMPTION.** Study of consumers and their problems in the marketplace. This includes the measurement of consumption and consumer well-being, as well as market organization, consumer choice, information, and other problems of consumers in the market. The approach of the course is to incorporate economic theory and its extension as a tool for understanding consumer problems, and to use empirical studies as examples of real world complications in the marketplace. Prerequisites: ECON 201 and 203 or ECON 205 for non-majors.

**CNEC 437 — CONSUMER BEHAVIOR.** An application of the behavioral sciences to a study of consumer behavior. Current theories, models and empirical research findings are explored. Prerequisite: PSYC 100 and SOCY 100.

**ECON 415 — INTRODUCTION TO ECONOMIC DEVELOPMENT OF UNDERDEVELOPED AREAS.** Examines the problems confronting less developed nations and considers the economic, political, and social factors which influence their growth. Comparisons are made between the experience of developed and less developed nations. Appropriate policies with regard to agriculture, capital formation, education, foreign trade, and planning are reviewed, with illustrations from planned and market economics. Prerequisite: ECON 201 and 203; or 205.

**ECON 490 — SURVEY OF URBAN ECONOMIC PROBLEMS AND POLICIES.** Analyzes the development of cities and the effects of growth patterns on the welfare of city residents. Examines decentralization of employment, housing service, taxes, and zoning. The course reviews the organization of local government and how conflicts between government policies arises. Prerequisite: ECON 201 and 203; or 205.

**EDCI 381 — SCHOOLS AND CHILDREN.** Considers various approaches to educating children both here and in other countries. Stresses role of citizens as consumers and participators in schools. Prerequisites: a course in sociology, child psychology or child development.

**EDHD 413 — ADOLESCENT DEVELOPMENT.** Students will examine the physiological, psychological and societal aspects of adolescent development. They will analyze data and seek solutions to adolescent problems such as delinquency and teenage pregnancy. Each will conduct a field-based case study of a normal adolescent. Class discussion and participation is emphasized. Prerequisite: PSYC 100 or EDHD 306 or equivalent.

**EDHD 445 — GUIDANCE OF YOUNG CHILDREN.** Study of the various theories, research methodologies, and observational techniques which contribute to our knowledge of child development; the designing of environments most likely to provide for optimal growth; the impact of cultural differences on child development; application toward problems affecting children such as family structure. Prerequisite: PSYC 100, EDHD 306 or the equivalent.

**EDIT 476 — APPLICATION OF TECHNOLOGY TO SOCIETAL PROBLEMS.** Study of alternative solutions of a technological nature to such societal problems as housing, transportation, energy, communications, production, trash and waste disposal, water development, and pollution control. Explores and examines the decision-making processes involved in determining suitable selections. Prerequisite: 6 semester hours in Behavioral/Social Sciences and 6 semester hours in Natural/Physical Sciences.

**EDIT 488T — ISSUES CONFRONTING FAMILIES PAST AND FUTURE: A MULTIDISCIPLINARY EXAMINATION.** This course is designed to examine issues confronting families now and in the future. The theoretical framework focuses on how technology, communication, and values affect family decisions regarding a variety of issues. These issues include roles, management of resources, work, health, and information seeking. Prerequisites: PSYC 100 or SOCY 100.

**EDPA 488G — TECHNOLOGY, SOCIAL CHANGE & EDUCATION.** The course is concerned with the new technology: how it relates to education and consequently to social change. The books assigned are from the academic area of Social Foundations of Education and from the emerging literature of Education Communications. A humanistic view is taken in an effort to try to understand recent technological developments. Assignments will involve two scholarly papers which will analyze the relationship of the new technologies to education and humanistic concepts. Prerequisites: Junior/Senior status and Social Science requirement completed.

**ENAG 315 — ENERGY: ITS EFFECT ON AGRICULTURE AND FOOD.** Study of the national and international energy supply problem and its effect on agricultural production and the food supply. Technical and political issues, alternate energy sources and other possible solutions and their limitations are discussed. Students have the opportunity to evaluate the solutions and issues and to offer their own in-depth analysis, suggestions and concerns for improving our nation's energy situation. Prerequisites: Junior standing and completion of the Natural Sciences and Mathematics requirements.

**ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY.** Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

**ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS.** Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

**ENGL 379S — CHANGING IDEAS OF THE CITY IN WESTERN LITERATURE.** Deals with the conflict between the modern tendency to think of the *fact* of cities as business centers, slums, cultural resources, etc., and the older concern with the *idea* of cities as places in which people can achieve their highest civic, political, and human potential. The imaginative significance of the city is revealed through reading some of the great "city literature" from Sophocles and Plato to Nathaniel West and George Orwell. Prerequisites: two lower level English courses.

**FMCD 431 — FAMILY CRISES AND INTERVENTION.** This course focuses on significant changes affecting families which ultimately require major adjustments in interpersonal and intrapersonal functioning. A wide range of crises is covered, including divorce, death, alcoholism, drug abuse, single parenting, suicide, child abuse, and serious physical illness. Issues and concerns of normative and catastrophic transitions during the developmental stages in the family life cycle are stressed. Alternative theories of family crisis are compared, and approaches to prevention and treatment of crises are presented. Prerequisite: Social Science Distributive Requirements.

**FMCD 487 — LEGAL ASPECTS OF FAMILY PROBLEMS.** Investigates the legal aspects of family problems within the context of the social and economic changes of the twentieth century. Focus of the course initially will be on the familiar topics of marriage and divorce, and will cover procreation, including those problems posed by new reproductive techniques. Also covered will be controversies involving the custody of children, the rights of family members after divorce and unmarried cohabitation.

**FMCD 497 — THE CHILD AND THE LAW.** This course will focus on children in the legal system, especially children's legal rights. Constitutional rights of children, children in the juvenile justice system, child custody disputes, child abuse and neglect, intake and diversion, and the rights and duties of minors for their torta and contracts will be discussed. A goal is to prepare students and professionals to become more effective and efficient persons in the helping professions and more informed about the rights and obligations of minors under the law. Prerequisite: Completion of Social Science Distributive Studies requirements.

**FREN 479A — THE AGE OF ANXIETY.** Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety. Authors include Gide, Malraux, Sartre, Camus, Beckett. Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook. All work in English. Prerequisites: none.

**GEOG 463 — GEOGRAPHIC ASPECTS OF POLLUTION.** Characteristics and spatial distribution of major pollution problems. Topics include waste disposal, land management conflicts, water and Chesapeake Bay pollution, and air pollution. Methods of anticipating and avoiding problems are discussed, including environmental impact statements, environmental mediation, technology assessments. Prerequisites: completion of the Social and Behavioral Sciences Distributive Studies requirements.

**GERM 389J — HONOR AS A THEME IN WESTERN LITERATURE.**

**GNED 300 — PERSPECTIVES ON NUCLEAR WAR.** Nuclear weapons are an important issue facing the world today. This course will take a multidisciplinary approach to the issue of nuclear war, drawing upon the resources of many departments on campus and organizations off campus. It will consider the mechanics of nuclear weapons and delivery systems, and the biological, psychological, medical and meteorological effects of the use of nuclear weapons. The history of confrontation, development of arms policies, and efforts at arms control will also be covered. Prerequisites: 6 hours of 200 level courses.

**GVPT 403 — LAW, MORALITY & WAR.** Issues in international law and morality relating to war: (1) moral issues as to going to war; (2) rules of war and their moral foundation; (3) prohibited or restricted weapons; (4) guerrilla warfare and terrorism; (5) war crimes and their punishment. The course is team-taught with PHIL 446 and students may register for either but not for both. Prerequisites: PHIL 142 or GVPT 401 or consent of either instructor.

**GVPT 432 — CIVIL RIGHTS AND THE CONSTITUTION.** This constitutional law course is designed to help students learn about their own civil rights and civil liberties as American citizens. Substantively, the course deals with criminal due process rights, free expression and religious liberty, sex and discrimination. The semester culminates with the presentation of a "moot court." Prerequisite: GVPT 170 and 431.

**GVPT 457 — AMERICAN FOREIGN RELATIONS.** The principles and machinery of the conduct of American foreign relations, with emphasis on the department of state and the foreign service, and an analysis of the major foreign policies of the United States. Prerequisite: GVPT 170.

**GVPT 462 — URBAN POLITICS.** An overview of the socio-economic and political problems in urban America, particularly in the large cities. Analytical concepts to be used include community power, group influence, poverty, and ethnicity and bureaucratic theory. Prerequisite: Completion of Distributive Studies, Area D requirements.

**HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY.** An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

**HIST 314A — CRISIS AND CHANGE IN THE MIDDLE EAST AND AFRICA.** This course acquaints students with the effect of nationalism on patterns of political conflict and accommodations in the Middle East. Readings and discussions focus on the period since World War I and the collapse of the Ottoman Empire. It explores the challenges presented to Arab and Turkish nation builders in their efforts to defend a national identity, secure full independence and establish a legitimizing national ideology supported by stable political, social and economic institutions. The special place of Iran, with its centuries-old national existence, will also be studied. Prerequisites: one history course.

**HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS.** This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

**HIST 458A — SPECIAL TOPICS IN WOMEN'S HISTORY: VICTORIAN WOMEN.** Explore the persistence of elements of an ideology developed in one social context into another where both society and values have much changed. Scholarly emphasis on "development" in the study of ideas tends to neglect how frequently what Weber called "outmoded convictions" retain substantial social influence. By having students explore closely the development of concepts about women in the Victorian period, and the way this ideology continues to be influential in many forms of social thought today, a sense of the relationship of major vestigial social ideas to both changing socio-economic realities and reform interests will be conveyed. Prerequisites: one course in history.

**HLTH 476 — DEATH EDUCATION.** Examination of the genesis and development of present day death attitudes, meanings given death, and death related behaviors and practices. Students are asked to analyze the human response to one's own death, death of beloved others, and the possibility of horrendous deaths by means of conventional and nuclear war, homicide, etc. Prerequisite: Completion of Distributive Studies, Area D.

**HONR 378 — HONORS SEMINAR: ANALYSIS OF HUMAN PROBLEMS**

**PHIL 342 — MORAL PROBLEMS IN MEDICINE.** A critical examination of the moral dimensions of decision-making in health related contexts. Readings are drawn from philosophical, medical, and other sources. Prerequisites: PHIL 100 or 140 or consent of instructor.

**PHIL 441 — HISTORY OF ETHICS.** The main objective of this course is to examine an important period in the history of ethics in order to (1) understand how a number of important philosophers have viewed the moral world and our moral relationship to other human beings; (2) show, where possible, the history of ethics as a continuing argument or strands of arguments about recurring ethical questions; (3) examine in some instances the historical and social setting in which an ethical position made sense, though it might not today. The period covered by the course, as stated in the catalogue description, is "Hobbes to the Present." The bulk of the reading for the course will be drawn from the philosophers being studied, though there will occasionally be readings drawn from secondary sources. Prerequisites: PHIL 140.

**SOCY 305 — SCARCITY AND MODERN SOCIETY.** This course is an exercise in the extremely difficult task of social forecasting. It begins with a review of environmental problems, focusing on the need for social change to preserve the capacity of the ecosystem to support populous modern societies. The remainder of the course analyzes theories of social change, recent changes which directly or indirectly affect the man/environment relationship, and theories of social engineering to produce changes in future societies. Prerequisite: SOCY 100 or 300.

**SOCY 325 — SEX ROLES.** Course is about gender. It's about living in a world in which the fact that you are male or female colors virtually every aspect of your life from cradle to grave. It influences the care and training you receive from parents, the play activities and playmates available to you, what is expected of you and offered to you in school, the nature of your friendships, your interests and life goals, your experience of marriage and parenting, your job, your earnings, your physical and emotional health, the quality of your healthcare, your rights and protections under the law, your proneness and vulnerability to violence, your eligibility for military service, and your very life expectancy. Prerequisite: SOCY 100 or SOCY 105.

**SOCY 427 — DEVIANT BEHAVIOR.** Current theories of the genesis and distribution of deviant behavior, definitions of deviance, labeling theory, secondary deviance and their implications for a general theory of deviant behavior. Prerequisite: SOCY 327 or 12 credits in Sociology, or permission of instructor.

**SOCY 441 — SOCIAL STRATIFICATION AND INEQUALITY.** This course is the department's most advanced undergraduate course in the general area of social stratification and inequality. Since the department offers both more specialized courses (e.g., sex stratificatiion, racism) and less advanced courses (e.g., SOCY 241, 341), this course attempts to be a rigorous general overview of the scientific research and debates in the field, emphasizing reading original sources, not texts, and doing original investigation. Prerequisites: SOCY 100 or 105.

**SOCY 498A — MEDICAL SOCIOLOGY.** This course will look at health care and its relationship to the social system in which it takes place. We will examine the relationship between social factors and health; the seeking and use of health services; the profession of medicine including the physician, nurse and paraprofessional; the place of the hospital; the financing of medical care and more. Prerequisites: SOCY 100 or 105.

**ZOOL 346 — HUMAN GENETICS AND SOCIETY.** For non-biological science students seeking an understanding of genetics, especially as it relates to humans and the decisions that they may have to make as individuals and members of society. The study of genes, mutations and transmittals, and the effect of, recent discoveries on present and future generations. Prerequisite: two college courses in the Natural Sciences and/or Mathematics.

## ADVANCED STUDIES: APPROVED COURSES

(To Be Offered in Future Semesters)

### DEVELOPMENT OF KNOWLEDGE

| | |
|---|---|
| AMST 418E | The American Image of Africa |
| AMST 428A | American Cultural Eras: Social Dramas in American Cultural History |
| AMST 432 | Literature and American Society |
| ARHU 309 | Philosophies of Art |
| BCHM 361 | Origins of Modern Biochemistry |
| ENGL 379K | Special Topics in Literature: Private Lives |
| ENGL 379L | The Great Divide: The Modern and Pre-Modern Worlds |
| ENGL 379V | Special Topics in Literature: Modern Poetry and the Visual Arts |
| GEOL 301 | Evolution in Geology |
| GERM 479B | Language and Science |
| GNED 301 | The Arts and the Sciences |
| HEBR 498B | Special Topics in Jewish Studies: Issues in Jewish Ethics and Law |
| HIST 311 | Approaches to the Past: Approaches to European Social History |
| HIST 311 | Approaches to the Past: Historiography |
| HIST 311 | Science and History |
| HIST 401 | The Scientific Revolution |
| HIST 402 | Development of Modern Physical Science |
| HIST 403 | 20th Century Revolutions in the Physical Sciences |
| HIST 407 | Technology and History |
| HIST 412 | Readings in Psycho-History |
| HSAD 451 | Gaming Simulation in Design I |
| PHIL 308 | Philosophy of Literature and Film |
| PHIL 308 | Discovery and Analogy in Science |
| PHIL 308D | Philosophy of History |
| PHIL 334 | Philosophy of Music |
| PHIL 408 | Philosophical Issues in Art History |
| PHIL 408 | Aesthetic Theory and Philosophy of Criticism |
| PHIL 408 | Contemporary French and German Philosophy |
| PHIL 408 | The Nature of Scientific Understanding |
| PHIL 428A | Origins of the Modern Scientific World-View |
| PHIL 450 | Scientific Thought I |
| PHIL 452 | Philosophy of Physics |
| PHIL 453 | Philosophy of Science II |
| PHIL 454 | Philosophy of Economics |
| PHIL 455 | Philosophy of the Social Sciences |
| PHIL 456 | Philosophy of Biology |
| PHIL 458A | Philosophy of Agricultural Science |
| PHIL 458X | Causation and Causal Thinking |
| PHIL 465 | Philosophy of Psychology |
| PHIL 472 | Philosophy of Mathematics |
| PHYS 490 | History of Modern Physics |
| PHYS 499F | Twentieth Century Physics |
| SOCY 403 | Intermediate Sociological Theory |
| SPAN 406 | Communication and Structure |
| SPCH 450 | Classical and Medieval Rhetorical Theory |
| ZOOL 301 | Biological Issues and Scientific Evidence |
| ZOOL 328F | The Brain |

### ANALYSIS OF HUMAN PROBLEMS

| | |
|---|---|
| AMST 418B | Culture and Mental Disorders |
| AMST 418C | Cultural Themes in America: The American Environment: Conservation and Ecology |
| AMST 418D | Cultural Themes in America: Growing Up American |
| AMST 428B | American Cultural Eras: American Film Culture in the 1960's |
| AREC 433 | Analysis of Food and Agricultural Policy Issues |
| AREC 453 | Natural Resource Economics and Public Policy |
| ARSC 320 | National Security Forces in Contemporary American Society |
| CNEC 410 | Consumer Finance |
| ECON 451 | Public Choice and Public Policy |
| EDCP 420 | Education and Racism |
| ENGL 379R | Different Views of the Bay |
| ENGL 379T | Special Topics: "On Argument" |
| ENTM 303 | International Pest and Pesticide Problems: Analysis and Solution |
| FMCD 381 | Poverty and Affluence Among Families and Communities |
| FREN 478B | Themes and Movements of French Literature in Translation: French Women Writers |
| FREN 478C | I and They: The Conflict Between the Individual and Society in French Literature |
| FREN 479D | Themes and Movements in French Literature in Translation: Ideologies and Relations Between the Sexes |
| GEOG 462 | Water Resources and Water Resource Planning |
| GEOG 464 | Energy Resources and Planning |
| GEOL 402 | Analysis of Environmental Pollution of Mining and Mineral Utilization |
| GERM 389 | Reason and Faith |
| GVPT 405 | Defense Policy and Arms Control |
| GVPT 471 | Women and Politics |
| HIST 312A | Crisis and Change in the United States: The Changing Urban Scene |
| HIST 312B | Crisis and Change in the United States: Dynamics of Federal Indian Policy |
| HIST 314 | Crisis and Change in the Middle East and Africa |
| HIST 317 | The Professions and Society |
| ITAL 411 | Dante |
| NUTR 425 | International Nutrition |
| NUTR 498H | Development and Modification of Food Habits |
| PERH 490 | Theories of Children's Love and Peace Behaviors |
| PHIL 308B | Philosophy of Life |
| PHIL 308F | Philosophical Aspects of Feminism |
| PHIL 340 | Making Decisions |
| PHIL 408 | Analysis and Design of Legal and Moral Institutions |
| PHIL 408L | Racial and Sexual Discrimination |
| PHIL 446 | Law, Morality and War |
| PHYS 318 | Topics in Contemporary Physics: The Risks of Nuclear Power |
| SOCY 333 | Technology and Society |
| SOCY 431 | Formal and Complex Organizations |
| SOCY 464 | Military Sociology |
| SOCY 498N | Sociology of Nuclear War |
| SOCY 498W | Work, Family, Community and Friendship: Issues in Social Identity and Well Being |
| SPCH 425 | Communication and Sex Roles |
| ZOOL 381 | Natural History of the Chesapeake Bay: Past, Present and Future |

# What's New and Interesting

## AFRO-AMERICAN STUDIES PROGRAM

**AASP 428A — SCIENCE, TECHNOLOGY AND THE BLACK COMMUNITY** (Slaughter and Myers). This course explores the causes and consequences of technological change and scientific advances and their impacts on the black community. The focus is on how improvements in technology affect various aspects of the social, political and economic lives of communities of blacks and other minority groups. These impacts are compared with the effects of technology on advanced industrial societies in general.

Some attention is given to examining when, how and why certain scientific advances were made and to detailing the contributions made by minority people in bringing about advances.

The international context of recent changes in computer, telecommunications, and the so-called high-tech industries as well as traditional manufacturing industries is discussed. This discussion will provide a background for probing several unsettling policy issues of relevance to blacks in the United States and in other nations. These questions range from whether blacks in America are made better off or worse off by low-cost imports from third-world nations to whether robotics and automation will widen the earnings gap between the black middle class and the underclass.

## DEPARTMENT OF AMERICAN STUDIES

**AMST 206 — BUSINESS AND AMERICAN CULTURE** (Lounsbury). This course will investigate the role of post-1945 corporate culture in terms of the values, "heroes," sex roles, rituals and communications networks displayed by leading American companies. We will also explore autobiographies, motion pictures, videotapes, and bestsellers by consulting firms and futurists in order to consider the image of business in the popular media. MWF 10:00.

**AMST 418G — CULTURAL THEMES IN AMERICA: IMAGINARY SOCIAL WORLDS** (Caughey). Cultural exploration of imaginary social relations in American daydreams, memories, dreams, anticipations, and mass media. MWF 10:00.

**AMST 428D — AMERICAN CULTURAL ERAS: THE GREAT DEPRESSION** (Diner). A single economic event — the 1929 crash of the stock market — influenced an entire decade and left an indelible mark on American culture. This course will examine the impact of the economic crisis of the Great Depression on American life by looking at the overriding themes of the era through changes in life style, changes in popular culture, and changes in social patterns. TuTh 9:30.

## DEPARTMENT OF ART

**ARTH 407 — ARTS OF JAPAN** (3). A survey of Japanese art from pre-history through 14th century, concentrating on architecture, sculpture and painting.

**ARTH 463 — AFRICAN ART** (3). Second semester, the cultures east and south of Nigeria. The art is studied through its iconography and function in the culture and the intercultural influences upon the artists, including a study of the societies, cults and ceremonies during which the art was used.

**ARTH 452 — HISTORY OF PHOTOGRAPHY** (3). The course will survey the history of photography as an art form from 1839 to 1939, and will include discussions of portraits, Photo-Secession, experimental and documentary photography, principally in England and the United States.

**ARTH 489B — THE STRUCTURAL ANALYSIS OF WESTERN ART.** This course is an introduction to narrative structures used by artists since the time of Giotto. It is predicated upon the assumption that iconic texts can be divided into logical patterns in much the same way that literary texts are analyzed. Theory for the course stems from French Structuralism, Kabbalism, and Christian hermaneutical studies. While the thrust of the course covers narrative painting, attention is also devoted to the analysis of cartoons and painting predicated upon formal abstraction.

## COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

**BSOS 308 — CONTEMPORARY ISSUES: INTERDISCIPLINARY APPROACHES; ETHICAL ISSUES IN SOCIAL SCIENCE RESEARCH** (3). The course examines moral and ethical issues which arise in social science research and its uses. The course involves discussions of case studies involving issues of deception and informed consent, confidentiality, use of human subjects, fraud and misrepresentation, social intervention, etc. Students will have an opportunity to develop an awareness of the ethical issues implicit in research dealing with people and to gain sophistication in dealing with those issues as both researchers and consumers of research. Prerequisite: An introductory course in one of the social sciences or BSOS 101/200.

## DEPARTMENT OF BOTANY

**BOTN 200 — HUMANISTIC BOTANY.** An introduction to the significance of plants to humans. This lecture course, which is intended for nonscience majors, includes such diverse topics as plants that have changed history, supermarket botany, plants in religion, pollen and allergies, plants in the environment, and biotechnology of plants. Approved for USP Distributive Studies Area B. No prerequisites.

**BOTN 403 — MEDICINAL AND POISONOUS PLANTS.** A study of plants important to humans that have medicinal or poisonous properties. Emphasis will be placed on the plant source and its description, the active chemical agent and its beneficial or detrimental physiological effects. Prerequisite: a course in biology or botany.

**BOTN 463 — ECOLOGY OF MARSH AND DUNE VEGETATION.** A survey of the plants and their habitats along our eastern seaboard. There is an emphasis on Assateague Island, which is Maryland's only coastal sand and dune marsh system. We look at the formation of barrier islands and estuaries, including the Chesapeake Bay, at the physical habitats, and at the plants which have adapted in this harsh ecosystem. A student should be able to recognize some of the typical dune and marsh plant species at the end of this course. Prerequisite: a course in biology or botany.

## CHEMISTRY DEPARTMENT

**CHEM 374 — TECHNOLOGY, ENERGY AND RISK** (3). Prerequisite: junior standing. Lecture and discussion course covering decision-making in a technological, democratic society. Such decisions must often be made on the basis of incomplete scientific information and in the face of heavy pressure from lobbyists representing industries and environmental advocates. The decisions usually involve a balance of benefits vs. costs and risks, the latter often the risks perceived by the public, which is often poorly informed by the media. These problems are illustrated by coverage of three major issues: acid rain, nuclear-vs-coal electric power, the use of synthetic organic chemicals.

## DEPARTMENT OF ELECTRICAL ENGINEERING

**ENEE 488Z — PROFESSIONAL SKILLS FOR ENGINEERS.** This course teaches those skills needed for career advancement, such as publishing, presenting symposium papers, patenting, selecting a working environment most suited to your technical interests, and professional society participation. All students will be coached in writing and presenting a paper on the various topics of the course by an engineer with 30 years of experience. Not acceptable as a technical elective in the EE program.

## DEPARTMENT OF FAMILY & COMMUNITY DEVELOPMENT

**FMCD 460 — VIOLENCE IN THE FAMILY.** Theories of child, spousal, parental, grandparental abuse in the family setting, review of current evidence, an introduction to methods for prevention and remediation.

**FMCD 499E — FUNDAMENTALS OF EMPLOYEE ASSISTANCE PROGRAMS.** Learn the basic principles in a new helping field — Employee Assistance Programs — which assist personnel in the workplace with alcohol, drug, interpersonal, marital and family problems. Become acquainted with the marketing and managing strategies in the challenging human service area and find out the potential as a career.

## DEPARTMENT OF FOOD, NUTRITION, AND INSTITUTION ADMINISTRATION

**NUTR 335 — HISTORY OF NUTRITION.** Prerequisite: course in basic nutrition. Follow the history of the development of knowledge in nutrition. Study the biographies of creative nutrition researchers and learn the nature of the discovery process as well as the importance of social and cultural conditions in motivating researchers and finding solutions to nutritional problems. USP Advanced Studies — Development of Knowledge.

**NUTR 498E — NUTRITION AND AGING.** Prerequisite: course in basic nutrition. Examine the physical, social, and psychological changes that occur with aging which affect nutrient requirements. Investigate methods to improve the nutrient intake of elderly individuals and evaluate nutrition programs serving the elderly.

## DEPARTMENT OF GEOGRAPHY

**GEOG 110 — THE WORLD TODAY: A REGIONAL GEOGRAPHY.** Satisfies USP-D requirement. Contemporary view of the world in terms of contrasts and interactions between the Modern World of the U.S., Soviet Union, Europe, Canada, and Japan and the developing world of Latin America, Black Africa, Middle East-North Africa, and South and East Asia. Cultural and economic life is seen against the different environmental bases of the world.

**GEOG 140 — COASTAL ENVIRONMENTS.** Satisfies USP-B requirement. Introduction to coastal environments with emphasis on U.S. East Coast. Physical and ecological systems, beach processes, waves, currents, human impacts, coastal zone management and shoreline engineering. Case studies of coastal areas, including Ocean City, MD. An ITV course.

**GEOG 170 — MAPS AND MAP USE.** Satisfies USP-B lab requirement when also taken with GEOG 171; taken alone, GEOG 170 satisfies USP-B non-lab requirements. The use and interpretation of maps encountered in both "everyday" reading, and in scientific literature. Development of skills in map reading, environmental analysis, interpretation and orienteering.

**GEOG 171 — MAPS AND MAP USE LABORATORY.** Satisfies USP-B lab requirement when taken with GEOG 170. Prerequisite or corequisite GEOG 170. One two-hour laboratory per week. Experience with: maps as research tools; coordinate systems; projections; measurement of angles, directions, distance, area; topographic maps; map interpretation; symbolization; statistical mapping; spatial arrangement; and remote sensing.

**GEOG 201 — GEOGRAPHY OF ENVIRONMENTAL SYSTEMS.** General survey course on how physical systems operate on the surface of the earth and in its atmosphere. Taken alone, this course satisfies USP-B non-lab requirement; taken with GEOG 211, both courses satisfy USP-B lab requirement.

**GEOG 202 — THE WORLD IN CULTURAL PERSPECTIVE.** Satisfies USP-A requirement. The imprint of cultural traits, such as religion, language and livelihood systems, on the earth's landscape. The transformation of the earth's surface as a result of cultural diversity, settlement patterns, political organization, cultural evolution, and population growth.

**GEOG 203 — ECONOMIC GEOGRAPHY.** Satisfies USP-D requirement. The spatial characteristics of world economic activities. Population patterns; technology and economic development; principles of spatial interactions in trade; transportation networks; the city as an economic mode; the location of industries and services; the production and trade of agricultural and energy products.

**GEOG 211 — GEOGRAPHY OF ENVIRONMENTAL SYSTEMS LABORATORY.** Analyze weather maps, topographic maps, air photos and utilize weather instruments to learn more about the structure and workings of the earth and its atmosphere. Flexible times to fit your schedule. Satisfies USP-B lab requirement.

**GEOG 305 — QUANTITATIVE METHODS IN GEOGRAPHY.** Statistical analysis of graphs, maps and mapable data using a scientific programmable calculator. Weekly exercises required.

**GEOG 323 — SOUTH AMERICA.**

**GEOG 211 — GEOGRAPHY OF ENVIRONMENTAL SYSTEMS LABORATORY.** Analyze weather maps, topographic maps, air photos and utilize weather instruments to learn more about the structure and workings of the earth and its atmosphere. Flexible times to fit your schedule. Satisfies USP-B lab requirement.

**GEOG 305 — QUANTITATIVE METHODS IN GEOGRAPHY.** Statistical analysis of graphs, maps and mapable data using a scientific programmable calculator. Weekly exercises required.

**GEOG 323 — SOUTH AMERICA.**

**GEOG 325 — SOVIET UNION.** Satisfies USP-A requirement. Examination of the Soviet Union as a functioning cultural and economic system that occupies the world's largest national resource base. Attention is given to the role of parts of the country to the overall national system.

**GEOG 327 — SOUTH ASIA.** Satisfies USP-A requirement. Methods of regional analysis and area studies applied to the Indian Subcontinent, including India, Pakistan, Bangladesh, Sri Lanka and adjacent nations. Locational significance of the natural environment, historical and cross-cultural processes, languages and religion, the economy and government, population, archaeology, urbanization and development.

**GEOG 340 — GEOMORPHOLOGY.**

**GEOG 345 — CLIMATOLOGY.** In-depth survey of earth's atmospheric environment focusing on development of regional climate, including solar energy distribution and use by the surface, winds and weather.

**GEOG 347 — PHYSICAL ENVIRONMENT OF URBAN AREAS.** Environment and the city. Survey of geologic, hydrologic, and climatic factors pertaining to urban development and planning. Urban heat island; flooding and rivers; environmental hazards and their mitigation.

**GEOG 372 — REMOTE SENSING.** Principles of remote sensing in relation to photographic, thermal infra-red and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships.

**GEOG 411 — 19th CENTURY NORTH AMERICA.** Major themes in 19th century U.S. and Canadian development: settlement, immigration, industrialization, and urbanization. Emphasis on landscape change and contemporary perspectives.

**GEOG 416 — OVERSEAS EUROPEAN COLONIZATION & THE THIRD WORLD.** The impact of European overseas expansion on Africa, Asia and Australasia during the 19th and early 20th centuries. Settlement patterns and territorial organization. Cultural and demographic change. Economic organization of space.

**GEOG 420 — CULTURAL GEOGRAPHY.** Emphasis on cultural — Urban/Rural aspects of health and disease along the Washington, Maryland, and Virginia Fall Line Zone. A century of environmental change will be examined and evaluated.

**GEOG 422 — POPULATION GEOGRAPHY.**

**GEOG 441 — GEOMORPHOLOGICAL ENVIRONMENTS.** Development of modern landscapes during the last two million years. Glaciations and climatic change; sea-level variations; Pleistocene extinctions; vegetation changes; hominid evolution; applied aspects of Quaternary deposits. Graduate students should register for GEOG 618Q.

**GEOG 446 — APPLIED CLIMATOLOGY.** Prerequisite: GEOG 345 or consent of instructor. The components of the earth's radiation balance and energy budgets: radiation, soil heat flux and the evaporation process. Measurement and estimation techniques. Practical applications of microclimatological theory and techniques.

**GEOG 471 — CARTOGRAPHIC PRODUCTION.** Our hour of lecture and four hours of laboratory per week. Map making and modern methods of production and reproduction. Organization of artwork for multicolor or series map production including production planning and quality control.

**GEOG 483 — SURVEY OF COMPUTER FACILITIES IN GEOGRAPHY AND URBAN STUDIES.** Course provides background for GEOG 605 or 695 or 696 in subsequent semesters. Section 002, "Microcomputer computer resources orientatioin." Experimental offering. Introduction to use of microcomputers for geographic data handling, including spreadsheets and computer mapping.

**GEOG 498E — ENERGY & DEVELOPING NATIONS.** Energy is essential for economic development and social wellbeing, yet traditional energy supplies are increasingly scarce and imported oil consumes scarce foreign exchange earnings. Using a seminar format, this course will discuss the energy management challenges confronting developing nations, their current energy use patterns, and emerging supply and conservation alternatives. Prerequisites: a previous course in energy or international development, or third world experience, or permission of the instructor.

**GEOG 618Q — SEMINAR IN GEOMORPHOLOGY.** See GEOG 441 above.

**GEOG 625 — ADVANCED CLIMATOLOGY.** See GEOG 446 above.

**GEOG 638E — SEMINAR IN ENVIRONMENTAL & RESOURCE MANAGEMENT.** See GEOG 498E above.

**GEOG 648 — SEMINAR IN CULTURAL GEOGRAPHY.** See GEOG 420 above; graduate students will have supplementary assignments.

**GEOG 658A — SEMINAR IN HISTORICAL GEOGRAPHY: AMERICAN COLONIAL ERA.** An examination of current issues in the settlement and transformation of early America — transatlantic connections, exploration and discovery, Indian-European relations, the creation of economic systems, population and social change, political and regional systems, and frontier expansion.

**GEOG 679S — CITY AND SUBURB: PAST AND PRESENT.** Historical development and contemporary structure of American city and suburb. Particular attention to form and function of suburbs and their relationship to the central city. Opportunity for graduate students in social sciences and humanities to pursue individual research on suburban topics (both contemporary and historical).

## GERMANIC LANGUAGES & LITERATURES

**GERM 280 — GERMAN-AMERICAN CULTURAL CONTRAST** (Pfister). This course is designed to make the student aware of both the surface and deep cultural differences between German-speaking people and Americans. Of particular interest to those who plan to visit Germany, Austria, or Switzerland. No prerequisites; readings and instruction in English. USP AREA A

**GERM 285 — GERMAN FILM AND LITERATURE** (Beicken). Study of German films from the "golden age" of the silents to the New German Cinema. Films are placed in historical context and discussed regarding cultural significance and literary quality. No prerequisites; readings and instruction in English. USP AREA C

**GERM 368 — MODERN SWEDEN** (Oster). Life in Sweden today: an investigation of national character through the fine arts, folklore, customs, instutitions, daily lifestyle and role in Scandinavian and world affairs. No prerequisites; readings and instruction in English.

**GERM 369 — THE FILMS OF INGMAR BERGMAN** (Fleck). 15 films are viewed ranging from *Smiles of a Summer Night* and *The Seventh Seal* to *Persona* and *Autumn Sonata*. Bergman's development as an author and characteristically Scandinavian thinker — and what makes his films "classics" with appeal to a large international audience. No prerequisites; readings and instruction in English.

**GERM 382 — GERMAN CIVILIZATION II** (Herin). The fine arts, music and literature of the German-speaking countries from about 1815 to the present: recordings, slides, selected readings. No prerequisites; readings and instruction in English. USP AREA A

**GERM 383 — THE VIKING ERA** (Fleck). The lifestyle of Northern Europe in the 9th to 12th centuries. Lectures cover the history and geography of the area, the pagan religion and its mythology, runes and magic, saga and poetry, arts and crafts. Students reproduce artifacts of the period or learn skills such as handspinning, brewing, etc. No prerequisite; readings and instruction in English. USP AREA A

**GERM 416 — GERMAN/ENGLISH TRANSLATION II** (Fagan). Students prepare English translations of readings they choose from their own fields of study. Individual problems are discussed in class. A perfect workshop for graduate students preparing for reading exams in German or for those who need to read German without speaking it. Translation techniques and reference materials are discussed. Prerequisite: GERM 415 or GERM 104 or equivalent, or permission of instructor. Instruction in English.

**GERM 419B — BUSINESS GERMAN** (Rojer). Advanced German language skills for the business student. Practice in understanding and writing commercial German. Prerequisite: GERM 302, equivalent, or permission of instructor.

**GERM 419J — GERMAN FOR JOURNALISTS** (Rojer). Advanced German language skills for the journalism student. Practice in understanding and writing journalistic German. Prerequisite: GERM 302, equivalent, or permission of instructor.

**GERM 419P — PRACTICUM IN TRANSLATION FOR INTERNATIONAL DIPLOMACY** (Pulgram). A foreign policy simulation exercise. Advanced language students serve as official translators for the various countries represented in the simulation (also French, Hebrew, Japanese, Russian, Spanish: see FOLA 418). Emphasis on building practical translation skills; theory of translation addressed as needed. Students with no microcomputer skills should also register for GERM 499C for necessary computer training. Prerequisite: 3 years college instruction in the language of specialization.

**GERM 475 — OLD NORSE** (Fleck). An introduction to the language of the Old Icelandic saga, the Eddas, and skaldic poetry. Texts are studied in the original; attention is given to the historical development of Old Norse and its place in the Germanic language family. No prerequisites; no previous language skills necessary.

**GERM 499C — USING THE MICROCOMPUTER AS A TRANSLATION WORKSTATION** (Pulgram). One credit of individualized instruction in the basic microcomputer skills. Specialized wordprocessing skills and file-handling techniques for foreign language use. Also 1-3 credit individualized training in multilingual applications for paper, thesis, and dissertation-writing; contact Dr. Pulgram at x-4301 or 774-2666.

## DEPARTMENT OF GOVERNMENT AND POLITICS

**GVPT 260 — STATE AND LOCAL GOVERNMENT.** GVPT 260 is an introduction to the governmental, administration and politics of American state and local governments. Major topics include: administrative reform and reorganization; reapportionment; financing state local systems; the politics of metropolitan reorganization; federalism and intergovernmental relations; and urban political machines.

**GVPT 306 — GLOBAL ECOPOLITICS.** Focuses on future demographic, economic, ecological and technological trends that will shape international politics in the next century. Includes analysis of world population problems (growth and stabilization), food problems, prospects for a third energy crisis, issues of East-West technology transfer, problems of debt and development and other "global" issues. (4 paperback texts)

**GVPT 399A — SEMINAR IN GOVERNMENT AND POLITICS: POLITICS OF INTERNATIONAL ECONOMIC RELATIONS.** The resurgence of interest in international political economy has been caused by the increased interdependence, growing politicisation of economic issues, fragmentation of economic leadership, and the reshuffling of nations in the international system. The source and depth of the transformation is yet not entirely discernible. The objective of the course is to identify changes (and their sources) taking place in West-West, East-West and North-South relations. (3 textbooks)

**GVPT 403 — LAW, MORALITY AND WAR.** GVPT 403 considers some of the political, legal and moral issues relating to war: the "just war" deterrence theory, rules of warfare, weapons of dubious legality, and individual responsibility for war crimes. (4 texts, 3 essay/short answer exams, no papers)

**GVPT 414 — ADMINISTRATIVE LAW.** GVPT 170 recommended but not required as prerequisite. A study of the discretion exercised by administrative agencies, including analysis of their functions, powers, procedures, and sanctions. Visits to such agencies in Washington, meetings with officials, and field work. 3 texts (one a Law School Casebook), two exams, field work, short reports.

**GVPT 429A — PROBLEMS IN POLITICAL BEHAVIOR: PRESIDENTS AND POPES: THE COMPARATIVE POLITICS OF RELIGION.** Governments seek to control the wants, needs, and activities of population groups. So, too, do churches. Here, we examine the competitive relationship between church and state in western society to assess some of the conflicts which have arisen between secular and religious authorities. Sample topics: Why have religious organizations continued to function in countries which have popular governments? When have governments succeeded in ignoring the moral ramifications of policies, and why? Is conscientious objection correctly perceived as a threat to the security and stability of states? Does a Constitution or a Bible provide a better model for social organization, and why? Finally, does religious fervor function as an asset or detriment to the realm of politics? (5 texts, 2 papers, 1 optional final exam)

**GVPT 432 — CIVIL RIGHTS AND THE CONSTITUTION.** Civil rights and civil liberties of Americans: substance of rights claims, modes of enforcement and remedies, political science orientations, due process rights, religious liberty, free expression, and discrimination are all topics which are examined. (2 books, 3 examinations, "moot court" for extra credit).

**GVPT 436 — THE LEGAL STATUS OF WOMEN.** The common law's denigration of women was symbolized by the suspension of a woman's legal existence when she married. Statutory and constitutional law reflected this common law attitude. Not until the 1970's did the law become a woman's ally, rather than enemy. This course explores the evolution of the law from woman's oppressor to her liberator. (1 text, 3 multiple choice/essay exams, no paper)

**GVPT 453 — RECENT EAST ASIAN POLITICS.** Background and interpretation of events and international relations in East Asia. Events since the Opium War, emphasis on current issues and triangular relations of China, U.S.S.R., and the U.S. There are midterm and final examinations and optional papers.

**GVPT 462 — URBAN POLITICS.** Urban political arrangements are considered from various perspectives: 1) the role of individuals, especially as rational choosers of goals; 2) the character of political norms and habits; 3) the nature of group and class conflict; and 4) structural constraints, especially those growing from the economy.

**GVPT 479A — POLITICS OF THE VIETNAM WAR.** A multi-disciplinary and multi-media approach to the Vietnam war is presented in an effort to understand the role of the United States, and the enduring effects that the war had on U.S. political and military policies. Current sociological, political, and generational issues relating to the war are also discussed. (4 texts, 2 tests, and 1 paper are required)

**GVPT 479B — INTEREST GROUPS IN THE POLICY PROCESS.** The role of interest groups in the formation and implementation of public policies at all government levels will be the focus of the course. Group organization, policies, and techniques will be considered. Specific policies will be examined. (3 texts, 1 midterm, and 1 final exam)

**GVPT 481 — GOVERNMENT AND ADMINISTRATION OF THE SOVIET UNION.** A lecture course covering the entire Soviet period, but concentrating on major turning points. Students will be assigned one or two brief papers and a final examination, and the course will utilize two or three textbooks.

**GVPT 483 — GOVERNMENT AND POLITICS OF ASIA.** Analyzes and evaluates the political processes and structures of the major states of Asia: Japan, China, and India. Principal issues, such as economic development, interethnic relations, human rights, and foreign policy, are discussed. (3 textbooks, 2 midterm examinations, 1 paper)

## DEPARTMENT OF HEARING AND SPEECH SCIENCES

**HESP 120 — INTRODUCTION TO LINGUISTICS** (3). Satisfies USP-D. Introduction to the scientific study of natural language with focus on the basic concepts of phonology, syntax, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles. Course is applicable for all students interested in languages and communicative interactions.

**HESP 202 — INTRODUCTION TO HEARING AND SPEECH SCIENCES** (3). Introduction to phonetics, the physiological bases of speech production and reception, and the physics of sound, with attention to various disorders of human communication. Course is especially applicable for students interested in various health, education and welfare professions.

**HESP 300 — INTRODUCTION TO PSYCHOLINGUISTICS** (3). An introduction to current theories of language and an investigation of their relationship to human communication behavior. Survey of the experimental literature relating to this question. Course is applicable for all students interested in languages and communicative interactions.

**HESP 305 — ANATOMY AND PHYSIOLOGY OF THE SPEECH MECHANISM** (3). Satisfies USP-B (non-lab). An intensive study of the anatomy, physiology, and neurology of the speech mechanism. Course is especially applicable for students with interest in the biological sciences, health professions, and the professional use of voice and speech.

**HESP 400 — SPEECH AND LANGUAGE DEVELOPMENT IN CHILDREN** (3). Analysis of the normal processes of speech and language development. Course is applicable for all current or future parents.

## COLLEGE OF JOURNALISM

**JOUR 459G — SPORTS AND THE MASS MEDIA.** This course will study how the news media covers sports and recreation, from high school through professional activities, using audio-visual materials, lectures, readings, and numerous guest speakers. We will focus on the requirements for coverage of individual athletic events and recreational activities and analyze the interaction between sports practitioners and the news media. The course is designed for students interested in sports journalism, sports public relations, coaching, professional participation or sports administration.

**JOUR 459J — JOURNALISTS AND THE COURTS.** This course is designed for journalists or anyone else interested or planning careers in investigative, legislative, or court reporting. State and federal legislative processes, procedures for covering a trial, the criminal justice system, and major crimes covered by the press are among the topics that will be discussed.

**JOUR 459M — SCIENCE AND THE MASS MEDIA.** The nature and progress of science is determined by political and public opinion. Media are important to scientists, yet few understand the media or the process by which public opinion is formed. In this course, we will examine how scientists view and utilize the media and how scientific progress, rather than political processes, determines the shape of our world. The course will be taught by Prof. Jon Franklin, two-time Pulitzer Prize winning science writer and Dr. J. Tyson Tildon of the University of Maryland Medical School in Baltimore.

**JOUR 459N — JOURNALISM AS LITERATURE.** In this course we will read and analyze significant works of non-fiction as literature. The course will include books by old-timers like Daniel DeFoe and Samuel Pepys as well as new journalists like Joan Didion and Tom Wolfe. The books will be studied for style, theme, content, technique and history — as well as for their contribution to the development of the literature of journalism.

**JOUR 459O — ETHICS, TRUTH, AND THE MEDIA.** Is objective reporting possible? Is it desirable? Do the media have a moral obligation to air minority positions? How should television cover terrorism? May journalists sometimes break promises of confidentiality? Are current libel laws reasonable? We will explore these and other moral and philosophical problems in light of the role of the press — what it is and what it should be in our society.

## DEPARTMENT OF PHILOSOPHY

**PHIL 233 — PHILOSOPHY IN LITERATURE** (Robert Martin). An examination of twentieth century attitudes toward life and the human condition, concentrating on a group of writers that may loosely be called *existentialist*, including Beckett, Melville, Dostoyevsky, Kafka, Sartre, Camus, and Hemingway. No knowledge of either philosophy or literature is presumed.

**PHIL 243 — PHILOSOPHY OF RURAL LIFE** (Suppe). An examination of traditional and contemporary rural values and philosophies of life, with an emphasis on southern agrarian philosophies. Jefferson, Emerson, Thoreau, Populism, the Country Life Movement, the Vanderbilt Agrarians, and recent views.

**PHIL 308R — PHILOSOPHY, SCIENCE, & RELIGION** (Stairs). The question underlying this course is whether there is an essential conflict between science and religion. In attempting to find an answer, we shall consider the history of the conflict between science and religion, and the philosophical issues to which the history gives rise.

**PHIL 408P — MENTAL CONTENT** (Peacocke). In this course, answers to various questions concerning the content of mental states will be sought. We shall ask how the contents of belief, intentions, and perceptual experiences differ, whether those contents can be true or false, and why experience of one sort is more informative than that of another.

**PHIL 458Q — FOUNDATIONS OF QUANTUM MECHANICS** (Bub). Is it possible to maintain a realist, interpretation-free view of quantum mechanics? Can we conceive of a quantum system as having definite properties that are revealed by observatiion, or is a blurred model of reality required by the statistics? If the latter, how, then, do macro-systems, like Schrödinger's cat come to the determinate properties? Must we accept Bohr's dictum that "there is no quantum world, only an abstract quantum physical description," or is something like the common sense realism of Einstein and Schrödinger still a metaphysical option? These questions and others like them will be raised and discussed and various answers to them critically evaluated.

**NOTE:** Various courses with philosophical content taught in other departments will be cross-listed as philosophy courses. For information concerning these, consult the list at the corresponding number in the other department.

| | | |
|---|---|---|
| **PHIL 209J** | [=**HEBR 298B**] | **FAITH & AUTHORITY IN JUDAISM** (Manekin) |
| **PHIL 308S** | [=**BSOS 308**] | **ETHICAL ISSUES IN SOCIAL SCIENCE RESEARCH** (Sagoff) |
| **PHIL 208J** | [=**JOUR 459**] | **ETHICS, TRUTH, & THE MEDIA** (Lichtenberg) |
| **PHIL 428M** | [=**HEBR 472**] | **MAIMONIDES' ETHICS** (Manekin) |
| **PHIL 428S** | [=**HEBR 498D**] | **SPINOZA** (Manekin) |

## DEPARTMENT OF PHYSICS

**PHYS 101A — CONTEMPORARY PHYSICS: PHYSICS IN ARCHEOLOGY** (3) (Dr. William Hornyak). For non-majors; no physics or math prerequisites. Topics covered include: dating techniques, geographic attribution, trace element and spectroscopic analysis, materials technology (stone, building materials, pottery, glasses, pigments), coins, conservation, authentication, and land and underwater excavation methods.

**PHYS 102 — PHYSICS OF MUSIC** (3). Sound, acoustics, the ear, reproduction, synthesizers, musical instruments. Elementary knowledge of music notation required; no prerequisites. Together with PHYS 103, satisfies USP laboratory science requirement.

**PHYS 103 — PHYSICS OF MUSIC LABORATORY** (1) (Dr. Richard Berg). Pre- or co-requisite: PHYS 102 or 499C. Laboratory to accompany PHYS 102 or 499C.

**PHYS 106 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA** (3) (Dr. George Snow). Lenses, cameras, holography, physics of the eye, color vision, art and illustrations. No math. Together with PHYS 107, satisfies USP laboratory science requirement.

**PHYS 107 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA LABORATORY** (3) (Dr. George Snow). Pre- or co-requisite: PHYS 106. Optical laboratory to accompany PHYS 106. Experiments include geometrical optics, optical instruments, perception, color phenomena and wave phenomena.

**PHYS 112 — PHYSICS IN THE MODERN WORLD** (3) (Dr. David Falk). The second semester of a survey course in general physics emphasizing the role that physics plays in science, technology, and society today. The course is concept-oriented, and minimal use of mathematics is made. Intended for the general student; does not satisfy the requirements of the professional schools.

**PHYS 117 — INTRODUCTION TO PHYSICS** (4) (Dr. Jordon Goodman). One-semester survey course with laboratory intended primarily for non-science majors or science majors with little background in physics. Possible topics include Newton's laws of motion, energy, electricity and magnetism, light and optics, relativity, nuclear physics and elementary particles. Presented from the perspective of what every congressman and congresswoman should know about science and the natural world.

**PHYS 499C — SPECIAL PROBLEMS IN PHYSICS: PHYSICS OF MUSIC** (3). Similar to PHYS 102, but requires (non-science) background in some aspect of music production.

## DEPARTMENT OF PSYCHOLOGY

**PSYC 309C — THE PSYCHOLOGY OF INTERPERSONAL RELATIONSHIPS** (Dr. Robert Brown). Survey of research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Stresses processes critical to successful relating (e.g. communication, bargaining, conflict relations), and issues associated with troubled dyadic relations with equal partners (e.g. jealousy, spouse abuse, divorce). Prerequisite: PSYC 100.

**PSYC 309G — CROSS-CULTURAL PSYCHOLOGY** (Dr. Forrest Tyler). This course provides an introduction to cross-cultural psychology. Emphasis will be placed on the cultural components of personality, developmental, social and community theories and findings in psychology. The interplay of individual, ethnic and cultural contributions to personal and group growth and well-being (mental health) and of their role in counseling, psychotherapy, and cross-cultural interactions will be explored. Class will include didactic and experiential elements. Prerequisite: PSYC 100.

**PSYC 309E — COUNSELING THEORIES AND SKILLS** (Dr. Clara Hill). Theories of counseling, including a review of the major approaches which currently exist, e.g. psychodynamic, humanistic, behavioral, and systems. Applied skills, including nonverbal behaviors, intentions, and response modes will be taught. These will be practiced in relation to crisis intervention, interpersonal relationships, and business interviews. Prerequisite: PSYC 100.

## SLAVIC LANGUAGES AND LITERATURES

**SLAV 281 — RUSSIAN CULTURE** (Berry). Russian history, literature, music, art and cuisine are examined to better understand why Russians are called "mad" and why their outlook on life is different from ours. No prerequisites; readings (Tolstoy, Dostoevsky, Chekhov, etc.) in English. USP AREA A

**SLAV 329 — SOVIET LITERATURE IN TRANSLATION** (Lekic). No prerequisites; readings and instruction in English.

**SLAV 419P — PRACTICUM IN TRANSLATION FOR INTERNATIONAL DIPLOMACY** (Merrill). A foreign policy simulation exercise. Advanced language students serve as official translators for the various countries represented in the simulation (French, German, Hebrew, Japanese, Russian, Spanish: see FOLA 418)). Emphasis on building practical translation skills; theory of translation addressed as needed. Students with no microcomputer skills should also register for SLAV 499C for necessary computer instruction. Prerequisite: 3 years college instruction in the language of specialization.

**SLAV 499C — USING THE MICROCOMPUTER AS A TRANSLATION WORKSTATION** (Pulgram). One credit of individualized instruction in the basic microcomputer skills. Specialized wordprocessing skills and file-handling techniques for foreign language use. Also 1-3 credit individualized training in multilingual applications for paper, thesis, and dissertation-writing; contact Dr. Pulgram at x-4301 or 774-2666.

## DEPARTMENT OF SOCIOLOGY

**SOCY 330 — COMMUNITY ORGANIZATION.** This course focuses on the sociological study of the organization and social structure of communities in the present-day American society. Topics include: 1) present trends in and problems of local communities ranging from urban suburbs and slums to changing small towns; 2) the theory and method of community study and the use of community demographic data; 3) the study of individual life-careers as influenced by community class-structure and institutions; 4) local planning, community action programs and the future of the community in the United States. Case histories from studies of communities in Maryland are included in the readings.

**SOCY 402 — INTERMEDIATE PROCEDURES FOR DATA COLLECTION.** A survey of the major research methods used by sociologists including survey research, experimentation, observation, archival research and in-depth interviewing. Other topics include selection of the appropriate research method, with analysis of the strengths and weaknesses of various methods, practical issues, data collection and preparation, and also analytic techniques. This course can serve as a requirement in the Applied Social Science Certificate.

**SOCY 467 — SOCIOLOGY OF EDUCATION.** The study of educational institutions in American society. Topics covered include: the role of education in the social stratification system; the goals and functions of education; the school as a formal organization; the roles and subcultures of teachers and students; the impact of race and gender on access to educational opportunities. Current issues in American education today will be analyzed using a variety of perspectives.

**SOCY 498C — RESEARCH ON THE SOCIAL CONDITION OF CHILDREN.** The social conditions experienced by children are undergoing rapid change; e.g., more children are living in single parent or dual-employed families. Doctors and other professionals are seeing children in need of more services. To encourage research in this area, this course will introduce students to both the substantive problems children are experiencing and the research procedures necessary, including the use of the campus computer, the library, etc. Students interested in children of divorce, remarriage, employed mothers; minority children; children with school, delinquency, health or disability problems; welfare or recreational services; and/or students seeking research experience should find this course worthwhile.

**SOCY 498S — MILITARY FAMILIES: RESEARCH AND POLICY.** This course will examine the relationships between work organization and the family in the military and in other occupations which are similar to the military in some important ways (e.g., high stress because of the potentially violent nature of the work; frequent geographic mobility; family separation). This course is open to upper level undergraduates and graduate students.

## DEPARTMENT OF SPECIAL EDUCATION

**EDSP 210 — INTRODUCTION TO SPECIAL EDUCATION.** Characteristics and needs of individuals who are handicapped are examined. Current issues in special education are discussed. Open to all students considering special education as a possible major.

**EDSP 499K — MICROCOMPUTERS IN SPECIAL EDUCATION.** Basic computer concepts and operations, computer assisted instruction and software evaluation, introduction to programming in BASIC and LOGO, word processing and telecommunications applications, and adaptive hardware and software. Special emphasis on handicapped students. Open to graduate and undergraduate students. Assumes no knowledge of or experience with computers.

## INSTITUTE FOR URBAN STUDIES

**URBS 100 — INTRODUCTION TO URBAN STUDIES.** Satisfies USP-D requirement. The scope and range of urban studies, and the characteristics of urban life. An interdisciplinary lecture series which meets twice a week, gaming laboratory sessions which meet for two hours once a week, and the development of an urban project.

**URBS 210 — BEHAVIORAL AND SOCIAL DIMENSIONS OF THE URBAN COMMUNITY.** Satisfies USP-D requirement. Three lecture hours per week. Definition of urbanism, urbanization, and urban demography; study of the institutional framework of urban areas, including administration, politics, finances, and communications; explanation of human services and social issues.

**URBS 220 — ENVIRONMENTAL & TECHNOLOGICAL DIMENSIONS OF THE URBAN COMMUNITY.** Satisfies USP-D requirement.

**URBS 350 — INTRODUCTION TO URBAN FIELD STUDY.** Prerequisite: permission of instructor or one URBS course. Instruction in the techniques of inquiry into urban conditions. Training in use of descriptive statistics to summarize data. Selection of problems for study, design of research, preparing conclusions. Comparison of team-research approach to individual investigation. Study of the urban community through field projects.

**URBS 440 — CITY & REGIONAL ECONOMIC DEVELOPMENT.** For students interested in community economic development, real estate development, and planning for urban or regional economies. Covers factors that determine business location decisions and local economic growth and decline. Students learn how to evaluate feasibility of a real estate development project.

**URBS 450 — PROBLEMS IN URBAN LAW.** Recommended preparation: six credits in URBS course. A survey of the urban legal environment and special legal problems of urban governments and public interest lawyers. Problems related to planning, zoning, eminent domain and land use controls; consumer protection in central cities; housing codes and multiple dwelling regulation; public accommodations and civil rights ordinances; defending the indigent; and welfare delivery systems.

**URBS 488B — URBAN & METROPOLITAN BUDGETING & ADMINISTRATION.**

**URBS 488X — URBAN PROBLEMS SEMINAR.**

**URBS 660 — URBAN SOCIAL SYSTEMS.** Prerequisite: URBS 480 or its equivalent or permission of the instructor. A substantive and critical overview of social science approaches to the study of urbanism. Cultural and structural aspects of urban social life.

**URBS 688D — SEMINAR ON CITY & REGIONAL ECONOMIC DEVELOPMENT PLANNING.** Students will gain an understanding of the process of economic development and what state and local governments can do to encourage or control economic growth. Students will also analyze the development process from the perspective of a developer, learn how to analyze the economic feasibility of a real estate project, and to conduct market studies. The course is designed to meet the interests of students who want to work in the areas of state and local economic development or who may find themselves in the position of negotiating with private developers for public amenities.

**URBS 691 — POLITICS AND PLANNING.** Course helps planners, policy analysts, administrators, and community workers understand politics of planning: Who influences decisions? Under what conditions does rational analysis matter? Course material includes case studies and psychological research on planners.

## WOMEN'S STUDIES PROGRAM

**WMST 700 — RESEARCH SEMINAR IN WOMEN'S STUDIES** (Beck). This seminar will provide an opportunity for those students who are interested in pursuing feminist research and teaching to synthesize and explore feminist analyses of university life including research and teaching methods, learning styles, curricular issues and the "chilly climate" for women. Prerequisite: 6 credits of Women's Studies or evidence of previous work in Women's Studies and consent of instructor.

# Deadlines

## Summary of Spring Semester 1987 Deadlines

| Type of Change | Last Day to Process Change |
|---|---|
| ADD A COURSE | February 6 |
| CANCEL REGISTRATION for Spring 1987 | January 23 |
| CANCEL RESIDENT LIFE ON-CAMPUS HOUSING without financial obligation | December 29 |
| CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes | see Penalties for Drops on this page |
| change CREDIT LEVEL | February 6 |
| DROP A COURSE — UNDERGRADUATE STUDENT without "W" mark | February 6 |
| with "W" mark (4 credit drop limit) ($2.00 fee) | April 10 |
| DROP A COURSE — GRADUATE STUDENT (Graduate student does not receive a "W") ($2.00 fee Sept. 16-Nov. 10) | April 10 |
| DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only) | See Penalties for Drops on this page |
| change GRADING OPTION | February 6 |
| GRADUATE MAIL-IN REGISTRATION | January 7 |
| apply for May 1987 GRADUATION | February 6 |
| process a LATE REGISTRATION | February 6 |

**LAST DAY TO WITHDRAW FROM ALL COURSES**

| | |
|---|---|
| WITHDRAW WITH 100% REFUND (CANCEL) | January 23 |
| WITHDRAW WITH 80% REFUND | February 6 |
| WITHDRAW WITH 60% REFUND | February 13 |
| WITHDRAW WITH 40% REFUND | February 20 |
| WITHDRAW WITH 20% REFUND | February 27 |
| WITHDRAW WITH 0% REFUND | May 14 |

GO TO ROOM 1101 NORTH ADMINISTRATION TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

**SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., FEBRUARY 6, 1987**

Schedule of Classes

REASONS

to advertise in the Schedule of Classes

- DISTRIBUTION OF 50,000 COPIES
- EVERY STUDENT MUST READ THIS OFFICIAL SCHOOL PUBLICATION.
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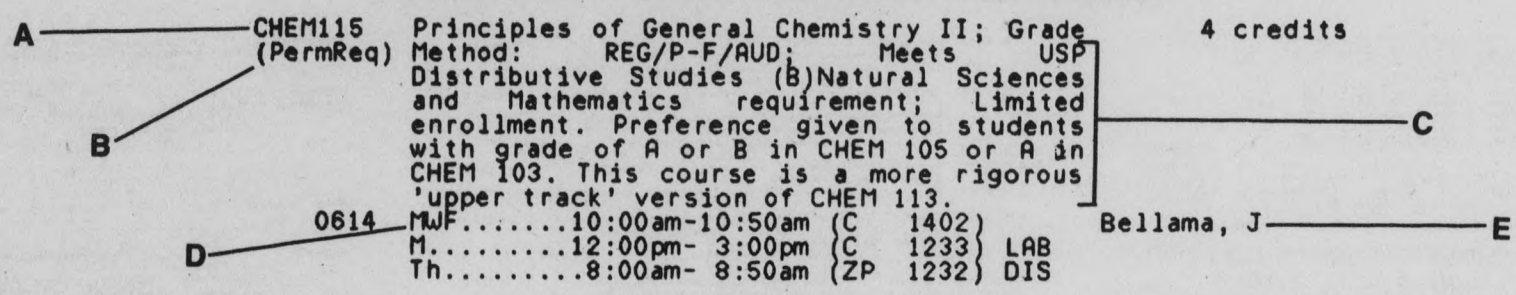
Schedule of Classes

## HOW TO READ COURSE LISTINGS




**A.** Course number, title and credits.

**B.** Permission required — Indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

**C.** Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

**D.** The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

**E.** Instructor

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AASP Afro-American Studies (Behavior + Social Sci)

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AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course is team taught by Dr. Samuel Myers and Edwin Smead. 3 credits
0101 MW.....12:00pm-12:50pm (LEF 2205) Smead, E
F.....10:00am-10:50am (HZF 1102) DIS
0102 MW.....12:00pm-12:50pm (LEF 2205) Smead, E
F.....10:00am-10:50am (EGR 3108) DIS
0103 MW.....12:00pm-12:50pm (LEF 2205) Smead, E
F.....11:00am-11:50am (TAA 1130) DIS
0104 MW.....12:00pm-12:50pm (LEF 2205) Smead, E
F.....11:00am-11:50am (ARM 0119) DIS
0105 MW.....12:00pm-12:50pm (LEF 2205) Smead, E
F.....12:00pm-12:50pm (EGR 1106) DIS
0106 MW.....12:00pm-12:50pm (LEF 2205) Smead, E
F.....12:00pm-12:50pm (TAA 1130) DIS

AASP200 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0125) Perinbam, B

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MW.....10:00am-10:50am (JMZ 0220) Frazier, M
F.....10:00am-10:50am (TAA 1130) DIS
0102 MW.....10:00am-10:50am (JMZ 0220) Frazier, M
F.....11:00am-11:50am (EGR 3108) DIS
0103 MW.....10:00am-10:50am (JMZ 0220) Frazier, M
F.....12:00pm-12:50pm (EGR 3108) DIS
0104 MW.....10:00am-10:50am (JMZ 0220) Frazier, M
F.....12:00pm-12:50pm (EGR 2154) DIS

AASP298U Special Topics in Afro-American Studies: Jazz as a Cultural Art Form; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LEF 1201) Williams, J

AASP298V Special Topics in Afro-American Studies: The Blues as Cultural Art Form; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (LEF 1201) Williams, J

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Frazier, M

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Frazier, M

AASP397 Senior Reading and Research Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Landry, L

AASP400 Directed Readings in Afro-American Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:30pm (LEF 1220) Frazier, M

AASP411 Black Resistance Movements; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1221) Williams, M

AASP428A Special Topics in Black Development: Science and Technology in the Black Community; Grade Method: REG/P-F/AUD; Course is team taught by Chancellor John Slaughter and Dr. Samuel Myers. 3 credits
0101 Tu.....2:00pm- 3:40pm (JRN 1116) Slaughter, J
M.....2:00pm- 2:50pm (LEF 1221) DIS
0102 Tu.....2:00pm- 3:40pm (JRN 1116) Slaughter, J
W.....12:00pm-12:50pm (TYD 2100) DIS
0103 Tu.....2:00pm- 3:40pm (JRN 1116) Slaughter, J
F.....11:00am-11:50am (KEY 0116) DIS

AASP428B Special Topics in Black Development: Equal Employment Opportunity Law; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1222) Brown, G

AASP428C Special Topics in Black Development: Black Children: Resource for the Future; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1208) Billingsley, A

AASP428E Special Topics in Black Development: The Sociology of Children; Grade Method: REG/P-F/AUD; Emphasis on research on the status of children in our society. 3 credits
0101 MWF.....11:00am-11:50am (ASY 3219) Harper, G

AASP428G Special Topics in Black Development: The Black Religion and the Black Church; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1220) Williams, M

AASP428K Special Topics in Black Development: Seminar in Public Policy Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....2:00pm- 4:30pm (ARC 1127) Billingsley, A

AASP428S Special Topics in Black Development: Slavery in the Americas; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1222) Smead, E

AASP428W Special Topics in Black Development: The Black Woman in America; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 1221) Sales, R

AASP429 Special Topics in Black Culture: Black Family in America; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (SKN 1113) Landry, L

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AEED Agricultural and Extension Education (Agriculture)

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AEED302 Introduction to Agricultural Education; Grade Method: REG/P-F/AUD; Keep Wednesdays free for occasional field trips. 2 credits
0101 TuTh.....10:00am-10:50am (SYM 0115) Cooper, E

AEED323 Developing Youth Programs; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement: 3 credits
0101 TuTh.....9:30am-10:45am (SYM 0200) Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED398 Seminar in Agricultural Education; Grade Method: REG/P-F/AUD; Majors only. 1 credit
0101 Time and room to be arranged STAFF

AEED464 Rural Life in Modern Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) Longest, J

AEED466 Rural Poverty in an Affluent Society; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....5:30pm- 8:10pm (SYM 1308) Ross, P

AEED489 (PermReq) Field Experience; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Cooper, E

AEED499 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED499G (PermReq) Special Problems: Principles of Natural Resources Management; Grade Method: REG; 3 credits
0101 MW.....11:00am-12:15pm (SYM 0115) Gibson Jr., G

AEED627 Program Evaluation in Adult and Continuing Education; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (SYM 0115) Smith, M

AEED630 Teaching-Learning in Adult and Continuing Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0210) Robertson-Tchab

AEED699 (PermReq) Special Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AEED789W Special Topics: Guidance and Counseling in Agricultural Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (SYM 0115) Cooper, E

AEED789X Special Topics: Comparative Extension Systems; Grade Method: REG/AUD; 2 credits
0101 W.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED789Z Special Topics: Policy Development in Extension/Adult Education; Grade Method: REG/AUD; 1-3 credits
0101 M.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AEED888 Apprenticeship in Education; Grade Method: REG/AUD; 1-8 credits
0601 Time and room to be arranged STAFF

AEED889 Internship in Education; Grade Method: REG/AUD; 3-8 credits
0101 Time and room to be arranged STAFF

AEED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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AGRI Agriculture (Agriculture)

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AGRI314 (PermReq) Biology and Management of Finfish; Grade Method: REG/P-F/AUD; One year of biology required. 4 credits
0101 TuTh.....9:30am-10:20am (SYM 2303) Sieling, F
TuTh.....10:30am-12:30pm (SYM 2303) LAB

AGRI389 (PermReq) Internship in Natural Resources Management: Work Experience in Natural Resources Management; Grade Method: S-F; Natural resources management majors only. 3 credits
0101 Time and room to be arranged Gibson Jr., G

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AGRO Agronomy (Agriculture)

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AGRO100 Crops Laboratory; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with AGRO 102. 2 credits
0101 TuTh.....12:00pm- 2:00pm (HJP 1104) LAB STAFF
0103 TuTh.....2:00pm- 4:00pm (HJP 1104) LAB STAFF

AGRO102 Crop Production; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 100 required. 2 credits
0101 MW.....11:00am-11:50am (HJP 2242) Caldwell, R

AGRO302 General Soils; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural 4 credits

Sciences and Mathematics requirement; Prerequisite: CHEM 103 or permission of instructor.
0101 MWF.....9:00am- 9:50am (HJP 2242) Weil, R
W.....10:00am- 1:00pm (HJP 0210) LAB
0102 MWF.....9:00am- 9:50am (HJP 2242) Weil, R
M.....4:00pm- 7:00pm (HJP 0210) LAB
0103 MWF.....9:00am- 9:50am (HJP 2242) Weil, R
Tu.....4:00pm- 7:00pm (HJP 0210) LAB

AGR0303 International Crop Production; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: BOTN 100 or equivalent. 3 credits
0101 MWF.....2:00pm- 2:50pm (HJP 1104) Sammons, D

AGR0386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
2501 Time and room to be arranged Weil, R

AGR0387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
2501 Time and room to be arranged Weil, R

AGR0403 Crop Breeding; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 414 or ZOOL 213. 3 credits
0101 TuTh.....8:45am-10:00am (HJP 1104) Kenworthy, W

AGR0407 Cereal and Oil Crops; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 100 required. 3 credits
0101 MWF.....9:00am- 9:50am (HJP 1104) Sammons, D

AGR0411 Soil Fertility Principles; Grade Method: REG/P-F/AUD; Prerequisite: AGRO 302. 3 credits
0101 MWF.....11:00am-11:50am (HJP 1104) Weil, R

AGR0412 Commercial Fertilizers; Grade Method: REG/P-F/AUD; Prerequisite: AGRO 302 or permission of instructor. 3 credits
0101 MWF.....10:00am-10:50am (HJP 0103) Axley, J

AGR0413 Soil and Water Conservation; Grade Method: REG/AUD; 3 credits
0101 TuTh.....10:00am-10:50am (HJP 1104) Rabenhorst, M
Tu.....1:00pm- 4:00pm (HJP 0103) LAB

AGR0499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGR0499A Special Problems in Agronomy: Soil Judging; Grade Method: REG/AUD; 1-3 credits
0101 Sa.....8:00am-12:00pm (HJP 1104) LAB Rabenhorst, M

AGR0608B Research Methods: Current Theories of Soil Genesis; Grade Method: REG; 3 credits
0101 MWF.....8:00am- 8:50am (HJP 1104) Simonson, R

AGR0798 Agronomy Seminar; Grade Method: REG/AUD; Instructors are Turner and Meisinger. 1 credit
0101 M.....12:00pm-12:50pm (HJP 1104) Meisinger, J

AGR0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for MS degree. 1-6 credits

AGR0802 Breeding For Resistance to Plant Pests; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-11:50am (HJP 1104) McIntosh, M
Time and room to be arranged DIS

AGR0804 Design and Analysis of Crop Research; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (HJP 1104) McIntosh, M

AGR0831 Soil Mineralogy; Grade Method: REG/AUD; 4 credits
0101 MWF.....9:00am- 9:50am (HJP 0103) Fanning, D
W.....1:00pm- 5:00pm (HJP 0103) LAB

AGR0832 (PermReq) Advanced Soil Physics; Grade Method: REG; 3 credits
0101 W.....12:00pm- 1:00pm (HJP 1104) Hill, R
F.....12:00pm- 2:00pm (HJP 1104)

AGR0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D degree. 1-8 credits

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AMST American Studies (Arts and Humanities)

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AMST201 Introduction to American Studies I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2110) Francis, P
0201 MWF.....10:00am-10:50am (TLF 2108) Lachin, T
0301 MWF.....11:00am-11:50am (TLF 2108) Francis, P
0401 MWF.....12:00pm-12:50pm (TLF 2108) Lachin, T
0501 MWF.....1:00pm- 1:50pm (TLF 2108) Kochanski, M
0601 TuTh.....9:30am-10:45am (TLF 2108) Borish, L
0701 TuTh.....11:00am-12:15pm (TLF 2110) Borish, L
0801 TuTh.....11:00am-12:15pm (TLF 2108) Metcalf, G
0901 TuTh.....12:30pm- 1:45pm (TLF 2108) Hilbish, D
1001 TuTh.....12:30pm- 1:45pm (MMH 0108) Battenfeld, M
1101 TuTh.....9:30am-10:45am (TLF 2103) Hilbish, D
1201 TuTh.....9:30am-10:45am (TLF 2101) Battenfeld, M
1301 MWF.....11:00am-11:50am (TLF 2103) Kochanski, M

AMST203 Popular Culture in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2126) Mintz, L

AMST204H Film and American Culture Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Tu.....12:30pm- 3:00pm (TLF 2110) Lounsbury, M

AMST205 Material Aspects of American Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2126) Otto, J

AMST206 Business and American Culture Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (TLF 2110) Lounsbury, M

AMST207 Contemporary American Cultures; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2126) Otto, J

AMST330 Critics of American Culture; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 2110) Otto, J

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418A Cultural Themes in America: Culture and Society in American Humor; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2126) Mintz, L

AMST418B Cultural Themes in America: Culture and Mental Disorders in Modern America; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 2126) Caughey, J

AMST418K Cultural Themes in America: Race in America: Theory and Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2110) Diner, H

AMST428D American Cultural Eras: The Great Depression; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2103) Diner, H

AMST429B Perspectives on Popular Culture: Science Fiction in American Culture; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2110) Lounsbury, M

AMST618 Introductory Seminar in American Studies; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (TLF 2110) Kelly, R

AMST629A Seminar in American Studies: Ethnography and American Culture Studies; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:40pm (TLF 2110) Caughey, J

AMST629B (PermReq) Seminar in American Studies: Popular Culture in America; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (TLF 2110) Mintz, L

AMST629F Seminar in American Studies: American National Character; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:40pm (TLF 2110) Diner, H

AMST639B Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD; Smithsonian schedule not complete. Call American Studies Office for details: x4661. 3 credits
0101 Tu.....1:30pm- 4:00pm (Arranged) Carson, B

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANSC Animal Science (Agriculture)

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ANSC203 Feeds and Feeding; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 103 and 104. 3 credits
0101 TuTh.....1:00pm- 2:00pm (ANS 1109) Erdman, R
Th.....2:00pm- 4:00pm (CHE 2116) LAB

ANSC212 Applied Animal Physiology; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 211 or equivalent. 3 credits
0101 MWF.....1:00pm- 1:50pm (CHE 2108) Alston-Mills, B

ANSC214 Applied Animal Physiology Laboratory; Grade Method: REG/P-F/AUD; Pre or corequisite: ANSC 212. 1 credit
0101 M.....2:00pm- 5:00pm (ANS 1144) LAB Alston-Mills, B
0102 W.....2:00pm- 5:00pm (ANS 1144) LAB STAFF
0103 Tu.....2:00pm- 5:00pm (ANS 1144) LAB STAFF

ANSC242 Dairy Production; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 101. 3 credits
0101 TuTh.....9:00am- 9:50am (CHM 0127) Majeskie, J
W.....2:00pm- 4:00pm (EPL 0101) LAB
0102 TuTh.....9:00am- 9:50am (CHM 0127) Majeskie, J
W.....10:00am-12:00pm (EPL 0101) LAB

ANSC244 Dairy Cattle Type Appraisal; Grade Method: REG/P-F/AUD; Keep Saturdays open for occasional field trips. Freshmen by permission of instructor. 1 credit
0101 Tu.....1:00pm- 3:00pm (JUL 1105) LAB STAFF

ANSC262 Commercial Poultry Management; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 101. 3 credits
0101 MW.....10:00am-10:50am (JUL 1105) Johnson, E
M.....1:00pm- 3:00pm (EPL 0101) LAB

ANSC332 Horse Management; Grade Method: REG; Prerequisite: ANSC 230. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0119) Stott, N

ANSC370 Animal Agriculture: Scientific and Cultural Perspectives; Grade Method: REG/P-F/AUD; Prerequisite: one course in biological sciences. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2140) Young, E

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC398 (PermReq) Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (ANS 1109) Westhoff, D

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC412 Introduction to Diseases of Animals; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200 and ZOOL 101. 3 credits
0101 Tu.....2:00pm- 4:00pm (CHM 0115) Penney, D
Th.....2:00pm- 4:00pm (CHM 0115) LAB

ANSC 414 is now AGRI 314.

ANSC415 Parasitic Diseases of Domestic Animals; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 412 or equivalent 3 credits
0101 MW.....11:00am-11:50am (ANS 1144) Bradley-Bullock
Tu.....9:00am-11:00am (ANS 1144) LAB

ANSC422 Meats; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 221. 3 credits
0101 TuTh.....8:00am- 8:50am (ANS 1109) Bailey, E
Tu.....9:00am-12:00pm (ANS 0119) LAB
0102 TuTh.....8:00am- 8:50am (ANS 1109) Bailey, E
Th.....9:00am-12:00pm (ANS 0119) LAB

ANSC427 Principles of Breeding II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2118) Hudson, S

ANSC443 Physiology and Biochemistry of Lactation; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....9:00am-10:30am (ANS 1109) Mather, I

ANSC444 Analysis of Dairy Production Systems; Grade Method: REG/P-F/AUD; Prerequisites: AREC 306 and ANSC 203 or 401 or permission of instructor. 3 credits
0101 MWF.....11:00am-11:50am (ANS 1109) Cassel, E

ANSC604 Vitamin Nutrition; Grade Method: REG/AUD; 3 credits
0101 MW.....2:30pm- 4:00pm (JUL 1105) Soares Jr, J

ANSC626 Advanced Animal Breeding; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Hudson, S

ANSC660 Poultry Literature; Grade Method: REG/AUD; 1-4 credits
0101 Time and room to be arranged Thomas, O

ANSC686 Veterinary Bacteriology and Mycology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ANS 1109) Marquardt, W

ANSC698A Seminar: Seminar - Recent Advances ANSC; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (JUL 1105) Alston-Mills, B

ANSC698C Seminar: Recent Advances - Poultry; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (ANS 3105) Thomas, O

ANSC699 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANTH Anthropology (Behavior + Social Sci)

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ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0220) STAFF
0201 TuTh.....2:00pm- 3:15pm (SHM 2102) Leone, M
0301 MWF.....1:00pm- 1:50pm (MMH 1400) STAFF

ANTH101H Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SHM 2102) STAFF

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0110) STAFF
0201 MWF.....10:00am-10:50am (ARM 0117) Stuart, W

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1101) Leone, M

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 0200) Dent Jr., R

ANTH298B Special Topics in Anthropology: The First Americans; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1114) Williams, A

ANTH371 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0201 TuTh.....11:00am-12:15pm (JMZ 0220) Agar, M

ANTH389A (PermReq) Research Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389B Research Problems: Medicine, Health and Culture; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1101) Gonzalez, N

ANTH389C Research Problems: Culture and Personality; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2205) Eidson, J
0201 TuTh.....2:00pm- 3:15pm (COL 3109) Williams, A

ANTH389D Research Problems: Anthropology of Death; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1114) Kerley, E

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SHM 2101) Eidson, J

ANTH402 Cultural Anthropology: World Ethnography; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (WDS 1114) Stuart, W

ANTH431 Social Organization of Primitive Peoples; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (WDS 1114) Stuart, W

ANTH441 Archaeology of the Old World; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (WDS 1114) Dent Jr., R

ANTH451 Archaeology of the New World; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1116) STAFF

ANTH461 Human Osteology Laboratory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 0128) Kerley, E

ANTH607 (PermReq) Methods of Cultural Analysis II; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (WDS 1131) Agar, M

ANTH620 (PermReq) Strategies for Cultural Understanding; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (WDS 1131) Wulff, R

ANTH688 Current Developments in Anthropology; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Stuart, W

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689B Special Problems in Anthropology: Medicine, Health, and Culture; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1101) Gonzalez, N

ANTH701 (PermReq) Internship Preparation; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (WDS 1131) STAFF

ANTH705 (PermReq) Internship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

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APDS Applied Design (Arts and Humanities)

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APDS101 Fundamentals of Design; Grade Method: REG/P-F/AUD; Pre-design, interior design and advertising design majors only. 3 credits
0101 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0102 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0103 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0104 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0105 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0106 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0107 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS
0108 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS

APDS102 Design II; Grade Method: REG/P-F/AUD; Pre-design, interior design and advertising design majors only. Prerequisite: APDS 101A. 3 credits
0101 M.....10:00am-10:50am (SKN 0124) Eckersley, M
W.....8:00am-11:00am (MMH 2411) LAB
0102 M.....10:00am-10:50am (SKN 0124) Eckersley, M
W.....8:00am-11:00am (MMH 2415) LAB

0103 M.....10:00am-10:50am (SKN 0124) Eckersley, M
F.....8:00am-11:00am (MMH 2411) LAB
0104 M.....10:00am-10:50am (SKN 0124) Eckersley, M
F.....8:00am-11:00am (MMH 2415) LAB

APDS103 Design III: Three-Dimensional Design; Grade Method: REG/P-F/AUD; Pre-design, interior design and advertising design majors only. Prerequisite: APSD 101A; Pre or co-requisite: APDS 102. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 2411) LAB STAFF
0201 TuTh.....11:00am- 1:30pm (MMH 2415) LAB STAFF
0301 TuTh.....2:00pm- 4:30pm (MMH 2411) LAB STAFF
0401 TuTh.....2:00pm- 4:30pm (MMH 2415) LAB STAFF

APDS104 Survey of Design History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1400) McWhinnie, H

APDS210 Presentation Techniques; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, APDS 102, APDS 103, EDIT 160. Advertising design majors only. 3 credits
0101 TuTh.....5:00pm- 7:30pm (MMH 2411) LAB Thomas, C

APDS211 Action Drawing: Fashion Sketching; Grade Method: REG/P-F/AUD; Pre-design and advertising design majors only. Prerequisite: APDS 101. 3 credits
0101 MWF.....11:00am- 1:00pm (MMH 2411) LAB STAFF

APDS237 Photography; Grade Method: REG/P-F/AUD; Pre-design and advertising design majors only. Prerequisites: APDS 101A, 102. 3 credits
0101 Th.....3:00pm- 4:00pm (MMH 0110) Jacobs, W
Tu.....2:00pm- 5:00pm (MMH 0110) LAB

APDS320 Fashion Illustration; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101A, 102, 103, 210, 211. Advertising design majors only. 3 credits
0101 F.....12:00pm- 1:00pm (MMH 1413) Thorpe, J
M.....12:00pm- 4:00pm (MMH 1413) LAB
0102 F.....12:00pm- 1:00pm (MMH 1413) Thorpe, J
W.....12:00pm- 4:00pm (MMH 1413) LAB

APDS330 Typography and Lettering; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101A, 102. Advertising design majors only. 3 credits
0201 MWF.....10:00am-12:00pm (MMH 1413) LAB STAFF

APDS331 Advertising Layout; Grade Method: REG/P-F/AUD; Prerequisites: APDS 330, 101, 102, and EDIT 160 (formerly EDIN 101A). Advertising design majors only. 3 credits
0101 Tu.....8:00am- 9:00am (MMH 1413) Roper, J
Th.....8:00am-11:00am (MMH 1413) LAB
0201 Tu.....11:00am-11:50am (MMH 1413) Roper, J
Th.....11:00am- 1:30pm (MMH 1413) LAB

APDS332 Display Design; Grade Method: REG/P-F/AUD; Prerequisites: EDIT 160, APDS 103, 330, 101, 102. Advertising design majors only. 3 credits
0101 M.....2:00pm- 3:30pm (MMH 0108) Ansell, J
W.....4:00pm- 7:00pm (MMH 1413) LAB
0102 M.....2:00pm- 3:30pm (MMH 0108) Ansell, J
M.....4:00pm- 7:00pm (MMH 1413) LAB

APDS337 Advanced Photography; Grade Method: REG/P-F/AUD; Prerequisite: APDS 237, 101, 102. Advertising design majors only. 3 credits
0101 Tu.....12:00pm- 1:15pm (MMH 0110) Gips, C
Th.....8:00am-11:00am (MMH 0110) LAB
0102 Tu.....12:00pm- 1:15pm (MMH 0110) Gips, C
Th.....12:00pm- 3:00pm (MMH 0110) LAB

APDS380 Professional Seminar; Grade Method: REG/P-F/AUD; Advertising majors only. 2 credits
0101 M.....6:00pm- 8:00pm (MMH 2411) Davis, S

APDS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and acceptance only. 1-3 credits
0101 Time and room to be arranged Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0501 Time and room to be arranged Elliott, L
0601 Time and room to be arranged Thorpe, J
0701 Time and room to be arranged Davis, S

APDS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Advertising design majors only. Must be taken with APDS 386 - use same section number. 1-3 credits
0101 M.....1:00pm- 1:50pm (MMH 2407A) Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0501 Time and room to be arranged Elliott, L
0601 Time and room to be arranged Thorpe, J
0701 Time and room to be arranged Davis, S

APDS430 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101, 102, 330, 331. Advertising design majors only. 3 credits
0101 M.....9:00am- 9:50am (MMH 1108) Thorpe, J
F.....8:00am-11:00am (MMH 1108) LAB

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 430. Advertising design majors only. 3 credits
0101 Th.....3:00pm- 4:00pm (MMH 1413) Lozner, R
Tu.....1:00pm- 4:00pm (MMH 1413) LAB
0102 Th.....3:00pm- 4:00pm (MMH 1413) Lozner, R
Tu.....4:00pm- 7:00pm (MMH 1413) LAB
0103 Th.....3:00pm- 4:00pm (MMH 1413) Lozner, R
Th.....4:00pm- 7:00pm (MMH 1413) LAB

APDS499A Individual Problems in Applied Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

APDS499D Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

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ARCH Architecture (Architecture)

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ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (ARC 0204) Berke, D

ARCH222 History of Western Architecture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ARC 0204) Etlin, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD; Architecture and pre-architecture majors only. Section 0104 - Path B students only. 2 credits
0101 M.....11:00am- 1:00pm (ARC 1103) McInturff, M
F.....11:00am-11:50am (ARC 1103) LAB
0102 M.....11:00am- 1:00pm (ARC 1103) McInturff, M
F.....12:00pm-12:50pm (ARC 1103) LAB
0103 M.....11:00am- 1:00pm (ARC 1103) Mason, L
F.....1:00pm- 1:50pm (ARC 1103) LAB
0104 M.....11:00am- 1:00pm (ARC 1103) Mason, L
W.....1:00pm- 1:50pm (ARC 1103) LAB

ARCH250 Survey of Urban Planning; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 0204) Fogle, D

ARCH303 Architecture Studio II; Grade Method: REG/P-F/AUD; Majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Berke, D
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0201 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Dynerman, A
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0301 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Mason, L
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0401 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Hill, J
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0501 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Dupuy, K
MWF.....2:00pm- 6:00pm (ARC 0204) DIS

ARCH343 Drawing II: Line Drawing; Grade Method: REG/P-F/AUD; Majors only. 2 credits
0101 MF.....12:00pm- 2:00pm (ARC 1101) Lewis, R

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. 1-3 credits

ARCH403 Architecture Studio IV; Grade Method: REG/P-F/AUD; Majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Johns, F
MWF.....2:00pm- 6:00pm (ARC 1101) DIS
0201 MWF.....2:00pm- 6:00pm (ARC 1103) LAB Bechhoefer, W
MWF.....2:00pm- 6:00pm (ARC 1105) DIS
0301 MWF.....2:00pm- 6:00pm (ARC 1103) LAB Lewis, R
MWF.....2:00pm- 6:00pm (ARC 1105) DIS
0401 MWF.....2:00pm- 6:00pm (ARC 0204) DIS Lu, P

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. 3-6 credits

ARCH412 Architectural Structures II; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1103) STAFF

ARCH415 Illumination, Electrical and Systems Technology in Buildings; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1105) Thiratrakoolcha

ARCH417 Advanced Environmental Technology in Buildings; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1101) Thiratrakoolcha

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. 1-4 credits

ARCH420 History of American Architecture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1101) Etlin, R

ARCH423 History of Roman Architecture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1101) Vann, R

ARCH427 Theories of Architecture; Grade Method: REG/P-F/AUD; ARCH majors only. Qualifies as a history seminar. 3 credits
0101 F.....10:00am-12:00pm (ARC 1123) Bechhoefer, W
W.....10:00am-11:00am (ARC 1123)

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. 1-4 credits

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact William Bechhoefer for information. 1-4 credits

ARCH451 (PermReq) Urban Design Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (ARC 1121) Johns, F

ARCH453 Urban Problems Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (LEF 1210) Brower, S

ARCH454 Theories of Urban Form; Grade Method: REG/P-F/AUD; ARCH majors only. 3 credits
0101 MWF.....10:00am-10:50am (ARC 1105) Dupuy, K

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH460 Site Analysis and Design; Grade Method: REG/P-F/AUD; Architecture majors only. 3 credits
0101 M.....7:00pm- 9:00pm (ARC 1101) Hill, J
W.....11:00am-11:50am (ARC 1101) LAB
0102 M.....7:00pm- 9:00pm (ARC 1123) Lu, P
W.....11:00am-11:50am (ARC 1123) LAB

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD; ARCH majors only. 3 credits
0101 W.....11:00am-11:50am (ARC 1127) Sachs, S
F.....10:00am-12:00pm (ARC 1127) LAB

ARCH475 (PermReq) Advanced Architectural Construction and Materials; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 M.....7:00pm- 8:15pm (ARC 1103) Wiedemann, G
Th.....5:00pm- 6:15pm (ARC 1103) LAB

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. 1-4 credits

ARCH480 Problems and Methods of Architectural Preservation; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1125) Fogle, D

ARCH489 Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH600 Architecture Studio V; Grade Method: REG/AUD; Majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0102) LAB Schumacher, T
MWF.....2:00pm- 6:00pm (ARC 1121) DIS

ARCH601 Architecture Studio VI; Grade Method: REG/AUD; Majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0102) LAB McInturff, M
MWF.....2:00pm- 6:00pm (ARC 1123) DIS

ARCH678 Selected Topics in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. 1-6 credits

ARCH678A Selected Topics in Architecture: Architectural Theory Since 1945; Grade Method: REG/AUD; Qualifies as a history seminar. 3 credits
0101 W.....10:00am-11:00am (ARC 1101) Schumacher, T
M.....10:00am-12:00pm (ARC 1101) DIS

ARCH678B (PermReq) Selected Topics in Architecture: Issues in Historic Preservation; Grade Method: REG/AUD; See Prof. Fogle, Architecture Room 1217 for sign-up. 1-6 credits
0101 Tu.....12:30pm- 3:15pm (ARC 1127) DIS Murtagh, W

ARCH679 Independent Studies in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. 1-6 credits

ARCH700 Architecture Studio VII; Grade Method: REG/AUD; Majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0102) Wiedemann, G
MWF.....2:00pm- 6:00pm (ARC 1127) DIS

ARCH770 Professional Practice; Grade Method: REG/AUD; Majors only. 3 credits
0101 M.....12:00pm- 2:00pm (ARC 1105) Schlesinger, B
F.....1:00pm- 1:50pm (ARC 1105)

ARCH797 Thesis Proseminar; Grade Method: REG/AUD; Majors only. 3 credits
0101 Time and room to be arranged Schlesinger, B

ARCH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. 1-6 credits

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AREC Agriculture and Resource Economics (Agriculture)

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AREC227 Marketing Agricultural Products; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (SYM 2109) Beiter, R

AREC240 Environment and Human Ecology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....2:00pm- 3:15pm (SYM 0200) STAFF

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....2:00pm- 3:15pm (SYM 2109) Lessley, B

AREC306 Farm Management; Grade Method: REG/P-F/AUD; Please save April 12 for an all day field trip. 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0200) Lessley, B

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SKN 0200) Hanson, J

AREC399 Special Problems; Grade Method: REG/P-F/AUD; 1-2 credits
0101 Time and room to be arranged Brown, E

AREC404 Prices of Agricultural Products; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (SYM 2109) Hardie, I

AREC405 Economics of Agricultural Production; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....8:00am- 9:15am (HBK 0125) Chambers, R

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SYM 2109) Dagher, M

AREC685 Applications of Mathematical Programming in Agriculture Business and Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 1308) Hardie, I

AREC689C Special Topics in Agricultural and Resource Economics: Applied Agricultural and Resource Economics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (SYM 2109) Just, R

AREC699 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

AREC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AREC804 Advanced Agricultural Price and Demand Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (SYM 2109) Lopez, R

AREC844 International Agriculture Trade; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (SYM 2109) Chambers, R

AREC852 Advanced Resource Economics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (SYM 1308) Just, R

AREC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ARHU Arts and Humanities (Arts and Humanities)

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ARHU308A Critical Eras: An Interdisciplinary View: Postwar Japan Through Film and Fiction; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1117) Mayo, M
Th.....2:00pm- 3:15pm (KEY 1117)

ARHU386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged DiPaolo, T

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged DiPaolo, T

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ARSC Air Science

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ARSC101 The Air Force Today II; Grade Method: REG; An elective, but required for those freshmen desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets must attend convocation on Jan 27 and 29 at 0800, room 0135 of the Armory. Only cadets with class conflict at 0800 must attend at 0700. 1 credit
0101 Tu.....11:00am-11:50am (COL 3111) Wilson, C
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....11:00am-11:50am (COL 3111) Wilson, C
Th.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....10:00am-10:50am (COL 3111) Wilson, C
Tu.....8:00am- 8:50am (ARM 1122) LAB
0202 Tu.....10:00am-10:50am (COL 3111) Wilson, C
Th.....7:00am- 7:50am (ARM 1122) LAB
0301 Th.....10:00am-10:50am (COL 3111) Wilson, C
Th.....8:00am- 8:50am (ARM 1122) LAB
0302 Th.....10:00am-10:50am (COL 3111) Wilson, C
Th.....7:00am- 7:50am (ARM 1122) LAB
0401 Th.....11:00am-11:50am (COL 3111) Wilson, C
Th.....8:00am- 8:50am (ARM 1122) LAB
0402 Th.....11:00am-11:50am (COL 3111) Wilson, C
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG; This course is an elective but is designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. 1 credit
0101 W.....10:00am-10:50am (COL 3110) Miller, R

ARSC201 The Development of Air Power II; Grade Method: REG; An elective, but required for sophomores desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets must attend convocation on Jan 27 and Jan 29 at 0800, room 0135 of the armory. Only cadets with class conflict at 0800 must attend at 0700. 1 credit
0101 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Tu.....8:00am- 8:50am (ARM 1122) LAB
0202 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0301 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....8:00am- 8:50am (ARM 1122) LAB
0302 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0401 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....8:00am- 8:50am (ARM 1122) LAB
0402 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC311 Management and Leadership II; Grade 3 credits

Method: REG; Consists of 3 lecture hours and one corps training period (lab) each week. Required for all juniors in AFROTC and open to university students (without lab) as elective. All cadets must attend convocation on Jan 27 and Jan 29 at 0800, room 0135 of the armory. Only cadets with class conflict at 0800 must attend at 0700.

0101 MWF.....9:00am- 9:50am (COL 3114) Miller, R
Tu.....8:00am- 9:50am (COL 3109) LAB
0102 MWF.....9:00am- 9:50am (COL 3114) Miller, R
Th.....7:00am- 7:50am (COL 3109) LAB
0201 MWF.....10:00am-10:50am (COL 3114) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0202 MWF.....10:00am-10:50am (COL 3114) Fields, C
Th.....7:00am- 7:50am (COL 3109) LAB
0301 MWF.....11:00am-11:50am (COL 3114) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0302 MWF.....11:00am-11:50am (COL 3114) Miller, R
Th.....7:00am- 7:50am (COL 3109) LAB
0401 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0402 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....7:00am- 7:50am (COL 3109) LAB

ARSC321 National Security Forces in Contemporary American Society II; Grade Method: REG; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all seniors in AFROTC and open to university students (without lab) as elective. All cadets must attend convocation on Jan 27 and Jan 29 at 0800, room 0135 of the Armory. Only cadets with class conflict at 0800 must attend at 0700. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (COL 3121) Zappa, P
Tu.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....12:30pm- 1:45pm (COL 3121) Zappa, P
Th.....7:00am- 7:50am (COL 3109) LAB
0201 TuTh.....2:00pm- 3:15pm (COL 3121) Zappa, P
Th.....8:00am- 8:50am (COL 3109) LAB
0202 TuTh.....2:00pm- 3:15pm (COL 3121) Zappa, P
Th.....7:00am- 7:50am (COL 3109) LAB
0401 Th.....9:00am-11:30am (COL 3121) Zappa, P
Th.....8:00am- 8:50am (COL 3109) LAB
0402 Th.....9:00am-11:30am (COL 3121) Zappa, P
Th.....7:00am- 7:50am (COL 3109) LAB

## ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (ASY 2203) Firmani, D
0201 MWF.....12:00pm-12:50pm (ARC 0204) Firmani, D
0301 TuTh.....9:30am-10:45am (ASY 2203) Burnham, J
0401 TuTh.....11:00am-12:15pm (ASY 2203) Venit, M

ARTH260 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....11:00am-12:15pm (ASY 1213) Spiro, M
0201 MWF.....11:00am-11:50am (ASY 2203) Firmani, D

ARTH261 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....3:30pm- 4:45pm (ASY 1213) Farquhar, J
0201 MWF.....10:00am-10:50am (ASY 2203) Hargrove, J

ARTH262 Arts of Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (ASY 2203) Sandler, M

ARTH284 Introduction to African Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 2203) Eyo, E

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH402 Greek Art and Archaeology; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (ASY 1213) Venit, M

ARTH411 Byzantine Art, 726 - 1453; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (ASY 3211) Spiro, M

ARTH413 Medieval Art; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....9:00am- 9:50am (ASY 3211) Denny, D

ARTH423 Early Renaissance Art in Italy; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....11:00am-12:15pm (ASY 3211) Rearick, W

ARTH441 19th Century European Art; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....12:00pm-12:50pm (ASY 3211) Hargrove, J

ARTH451 20th Century Art; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (ASY 1213) Withers, J

ARTH452 History of Photography; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....1:00pm- 1:50pm (ASY 1213) Difederico, F

ARTH463 African Art; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (ASY 3211) Eyo, E

ARTH477 History of American Art Since 1900; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....10:00am-10:50am (ASY 3211) Peters-Campbell

ARTH489 Special Topics in Art History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

0101 MWF.....10:00am-10:50am (ASY 3211) Peters-Campbell

ARTH489A Special Topics in Art History: Women in Art; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 3211) Withers, J

ARTH489B Special Topics in Art History: Structural Analysis of Art; Grade Method: REG/AUD; — 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 3215) Burnham, J

ARTH489C Special Topics in Art History: Painting in Spain and France in the Seventeenth and Eigteenth Century; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....11:00am-11:50am (ASY 3211) Difederico, F

ARTH489D Special Topics in Art History: Japanese Prints and Genre Painting 1600-1900; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (ASY 3215) Sandler, M

ARTH489E Special Topics in Art History: Renaissance and Baroque Sculpture in Northern Europe; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....11:00am-12:15pm (ASY 4306) Caswell, J

ARTH489F Special Topics in Art History: Museum Training; Grade Method: REG/P-F/AUD; — 3 credits

0101 Time and room to be arranged Peters-Campbell

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 2-3 credits

ARTH694 Museum Training Program; Grade Method: REG/AUD; — 3 credits

0101 Time and room to be arranged Peters-Campbell

ARTH698 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH699A Special Topics in Art History: Northern Artists in Italy; Grade Method: REG/AUD; — 3 credits

0101 M.....3:00pm- 5:30pm (ASY 4306) Wheelock Jr., A

ARTH699B Special Topics in Art History: Reformation and Counter Reformation--Iconographic Problems; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits

0101 Tu.....3:30pm- 6:00pm (ASY 4304) Caswell, J

ARTH699C Special Topics in Art History: Fifteenth Century Netherlandish Manuscripts; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 4306) Farquhar, J

ARTH712 Seminar in Medieval Art; Grade Method: REG/AUD; — 3 credits

0101 F.....2:00pm- 4:30pm (ASY 4304) Denny, D

ARTH728 Seminar Topics in Italian Renaissance Art: Paolo Veronese; Grade Method: REG/AUD; — 3 credits

0101 Th.....3:30pm- 6:00pm (ASY 4306) Rearick, W

ARTH798 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 1-6 credits

ARTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

## ARTS Art Studio (Arts and Humanities)

ARTS100 Elements of Design; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....9:30am-11:30am (ASY 2314) LAB STAFF
0201 MW.....9:30am-11:30am (ASY 2314) LAB STAFF
0301 MW.....12:30pm- 2:30pm (ASY 2314) LAB Richardson, W
0401 MW.....12:30pm- 2:30pm (ASY 2314) LAB Richardson, W
0501 MW.....3:00pm- 5:00pm (ASY 2318) LAB Gugliuzza, B
0601 MW.....3:00pm- 5:00pm (ASY 2318) LAB Gugliuzza, B
0701 TuTh.....9:30am-11:30am (ASY 2314) LAB Lapinski, T
0801 TuTh.....9:30am-11:30am (ASY 2318) LAB Lapinski, T
0901 TuTh.....12:30pm- 2:30pm (ASY 2314) LAB Koscianski, L
1001 TuTh.....12:30pm- 2:30pm (ASY 2318) LAB Koscianski, L

ARTS110 Elements of Drawing; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....9:00am-11:30am (ASY 2317) LAB Meizlik, J
0201 MW.....9:00am-11:30am (ASY 2321) LAB Meizlik, J
0301 MW.....12:30pm- 3:00pm (ASY 2317) LAB Kehoe, P
0401 MW.....12:30pm- 3:00pm (ASY 2321) LAB Kehoe, P
0501 MW.....3:00pm- 5:30pm (ASY 2317) LAB McIntyre, S
0601 MW.....3:00pm- 5:30pm (ASY 2321) LAB McIntyre, S
0701 TuTh.....9:00am-11:30am (ASY 2317) LAB Craig, P
0801 TuTh.....9:00am-11:30am (ASY 2321) LAB Craig, P
0901 TuTh.....12:00pm- 2:30pm (ASY 2317) LAB Putman, S
1001 TuTh.....12:00pm- 2:30pm (ASY 2321) LAB Putman, S
1101 TuTh.....3:00pm- 5:30pm (ASY 2317) LAB Putman, S
1201 TuTh.....3:00pm- 5:30pm (ASY 2321) LAB Putman, S

ARTS208A Design: Figure Modeling; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:00am-11:30am (ASY 1311) Blotner, P

ARTS208C Design: Papermaking; Grade Method: REG/P-F/AUD; Repeatable for total of 6 credits if content differs. — 3 credits

0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB Pogue, S

ARTS208D Design: 3-D Design; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 1311) LAB Gugliuzza, B

ARTS210 Intermediate Drawing; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 2315) LAB STAFF
0201 MW.....3:00pm- 5:30pm (ASY 2315) LAB Krushenick, N
0301 TuTh.....9:00am-11:30am (ASY 2322) LAB Putman, S

ARTS320 Elements of Painting; Grade Method: REG; — 3 credits

0101 MW.....9:00am-11:30am (ASY 3318) LAB Richardson, W
0201 MW.....9:00am-11:30am (ASY 3322) LAB Richardson, W
0301 MW.....12:30pm- 3:00pm (ASY 3312) LAB Krushenick, N
0401 TuTh.....12:30pm- 3:00pm (ASY 3312) LAB Klank, R
0501 MW.....3:00pm- 5:30pm (ASY 3312) LAB Morrison, K
0601 MW.....3:00pm- 5:30pm (ASY 3316) LAB Morrison, K

ARTS330 Elements of Sculpture: Modeling/Casting; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 1310) LAB Meizlik, J

ARTS334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD; Not available as an elective. — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 1314) LAB McIntyre, S
0201 TuTh.....12:30pm- 3:00pm (ASY 1311) LAB Blotner, P

ARTS335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD; Not available as an elective. — 3 credits

0101 MW.....9:30am-11:30am (ASY 1314) LAB Sanborn, J

ARTS340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD; Etching and related processes: Introduction — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J
0201 TuTh.....9:00am-11:30am (ASY 1317) LAB Pogue, S

ARTS341 Elements of Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....3:00pm- 5:30pm (ASY 1317) LAB Forbes Jr., J

ARTS344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD; Beginning Lithography. Not available as an elective. — 3 credits

0101 TuTh.....12:30pm- 3:00pm (ASY M1325) LAB Lapinski, T

ARTS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS418 Drawing; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits

0101 MW.....9:00am-11:30am (ASY 2322) LAB Kehoe, P
0201 MW.....12:30pm- 3:00pm (ASY 2322) LAB Truitt, A
0301 TuTh.....3:00pm- 5:30pm (ASY 2315) LAB Niese, H

ARTS418B Drawing: Experimental Drawing, Contemporary Approach; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....3:00pm- 5:30pm (ASY 2322) LAB Richardson, W

ARTS428 Painting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits

0101 TuTh.....12:30pm- 3:00pm (ASY 3316) LAB Klank, R
0201 MW.....3:00pm- 5:30pm (ASY 3318) LAB Kehoe, P

ARTS428A Painting: Oil Painting; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....3:00pm- 5:30pm (ASY 3316) LAB Koscianski, L

ARTS428B Painting: Acrylic Painting; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 3316) LAB Krushenick, N

ARTS428C Painting: Figure Painting; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....12:30pm- 3:00pm (ASY 3322) LAB Niese, H

ARTS438A Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....3:00pm- 5:30pm (ASY 1310) LAB Meizlik, J

ARTS438B Sculpture: Stone Sculpture; Grade Method: REG/P-F/AUD;

0101 TuTh.....12:30pm- 3:00pm (ASY 1314) LAB Sanborn, J

ARTS438C Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 1314) LAB McIntyre, S

ARTS438D Sculpture: Wood/Mixed Media Construction; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....3:00pm- 5:30pm (ASY 1311) LAB Blotner, P

ARTS448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J
0201 TuTh.....9:00am-11:30am (ASY 1317) LAB Pogue, S

ARTS448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....12:30pm- 3:00pm (ASY M1325) LAB Lapinski, T

ARTS448C Printmaking: Advanced Woodcut and Relief; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....3:00pm- 5:30pm (ASY 1317) LAB Forbes Jr., J

ARTS468 Advanced Seminar in Studio Art; Grade Method: REG/P-F/AUD; — 3 credits

0101 MW.....9:00am-11:30am (ASY 2315) Truitt, A

ARTS489A Special Problems in Studio Arts: Figure Modeling; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:00am-11:30am (ASY 1311) LAB Blotner, P

ARTS489B Special Problems in Studio Arts: Paper Making; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB Pogue, S

ARTS489E Special Problems in Studio Arts: Enviroments; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....3:00pm- 5:30pm (ASY 1314) LAB Sanborn, J

ARTS498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTS610 (PermReq) Drawing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS620 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS624 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS627 Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS644 Printmaking; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits

0501 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, T
2101 Time and room to be arranged Pogue, S

ARTS646 Printmaking; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits

0501 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, T
2101 Time and room to be arranged Pogue, S

ARTS689B Special Problems in Studio Art: Graduate Seminar in Studio Art; Grade Method: REG/AUD; — 3 credits

0101 MW.....9:00am-11:30am (ASY 2315) LAB Truitt, A

ARTS698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

## ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If ASTR 110A or 111 are taken at the same, or at a later time, the combination may be counted as lab science requirement. Discussion sections do not meet first week. Attend lecture before coming to discussion section. — 3 credits

0101 TuTh.....9:30am-10:45am (PHY 1412) Carlson, J
0201 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
M.....1:00pm- 1:50pm (CSS 1113) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
M.....2:00pm- 2:50pm (CSS 1113) DIS
0203 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
M.....3:00pm- 3:50pm (CSS 1113) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
Tu.....2:00pm- 2:50pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
W.....12:00pm-12:50pm (CSS 1113) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
W.....1:00pm- 1:50pm (CSS 1113) DIS
0207 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
Th.....4:00pm- 4:50pm (CSS 1113) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Bell, R
F.....12:00pm-12:50pm (CSS 1113) DIS
0301 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
M.....9:00am- 9:50am (CSS 1113) DIS
0302 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
M.....12:00pm-12:50pm (CSS 1113) DIS
0303 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
Tu.....3:00pm- 3:50pm (CSS 1113) DIS
0304 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
W.....9:00am- 9:50am (CSS 1113) DIS
0305 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
W.....2:00pm- 2:50pm (CSS 1113) DIS
0306 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
Th.....2:00pm- 2:50pm (CSS 1113) DIS
0307 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
Th.....3:00pm- 3:50pm (CSS 1113) DIS
0308 TuTh.....11:00am-12:15pm (PHY 1412) Heckman, T
F.....9:00am- 9:50am (CSS 1113) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F; Only open to students who have taken or are currently taking ASTR 100. Labs do not meet during first week of classes. — 1 credit

0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0102 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0103 M.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0104 M.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0105 M.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0106 Tu.....8:00am-10:00am (CSS 1109) LAB STAFF
0107 Tu.....10:30am-12:30pm (CSS 1109) LAB STAFF
0108 Tu.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0110 Tu.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0111 W.....8:00am-10:00am (CSS 1109) LAB STAFF
0112 W.....10:30am-12:30pm (CSS 1109) LAB STAFF
0113 W.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0114 W.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0115 W.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0116 Th.....8:00am-10:00am (CSS 1109) LAB STAFF
0117 Th.....10:30am-12:30pm (CSS 1109) LAB STAFF
0118 Th.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0120 Th.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0121 F.....8:00am-10:00am (CSS 1109) LAB STAFF
0122 F.....10:30am-12:30pm (CSS 1109) LAB STAFF

0123 F.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0124 F.....3:30pm- 5:30pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD; Open only to students who have taken or are currently taking ASTR 100. First meeting is week of Feb 2 in CSS 0201. Class normally meets at Observatory Lecture Building. — 1 credit
0101 Tu.....7:30pm- 9:30pm (ALB 1101) Hewagama, T
0201 W.....7:30pm- 9:30pm (ALB 1101) Hewagama, T

ASTR182 Introductory Astronomy and Astrophysics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Eichler, D

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. — 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one previous physical science course. Designed primarily for non-physical science majors. Open to juniors and seniors only. — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Erickson, W

ASTR315 Navigation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 1109) Ahearn, M

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one previous physical science course. Designed primarily for non-physical science majors. Open to juniors and seniors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Theison, D

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one previous physical science course. Designed primarily for non-physical science majors. Open to juniors and seniors only. — 3 credits
0101 MWF.....10:00am-10:50am (CSS 1113) Kerr, F
0201 TuTh.....12:30pm- 1:45pm (CSS 1113) Wilson, A

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. — 4 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Heckman, T
W.....1:00pm- 1:50pm (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one previous physical science course. Designed primarily for non-science majors. Open only to juniors and seniors. — 3 credits
0101 MWF.....11:00am-11:50am (CSS 1113) Matthews, T

ASTR399 (PermReq) Honors Seminar; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR401 Interstellar and Extragalactic Astrophysics; Grade Method: REG/P-F/AUD; The instructors for this course are D. S. Eichler and M. R. Kundu. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 0201) Eichler, D

ASTR411 Observational Astronomy II; Grade Method: REG/P-F/AUD; There is all-night observing at the University Observatory, and some lectures. The instructors in this course are W. E. Erickson and A. S. Wilson. — 3 credits
0101 F.....10:30am-12:30pm (CSS 0201) Erickson, W
Time and room to be arranged

ASTR430 The Solar System; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 0201) Hillman, J

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. This course is only open to those who make prior arrangements with a member of the astronomy faculty. — 1-6 credits

ASTR670 Interstellar Matter; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:30pm (CSS 0201) Harrington, J

ASTR691 Research Project; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR760 Solar Physics; Grade Method: REG/AUD; Also teaching; Papadopoulus, K. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 0201) Kundu, M

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ASTR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## BCHM Biochemistry (Life Sciences)

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BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 1402) Hansen, J

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD; Students who wish to attend an optional discussion session should also register for BCHM 461A. — 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1402) Gerlt, J

BCHM461A Biochemistry I (Optional Discussion); Grade Method: NGI; (Optional discussion session for BCHM 461.) — No credit
0101 M.....11:00am-11:50am (CHM 0122) DIS STAFF
0102 W.....1:00pm- 1:50pm (CHM 0119) DIS STAFF
0103 Tu.....12:00pm-12:50pm (CHM 2201) DIS STAFF

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Sampugna, J

BCHM464 Biochemistry Laboratory II; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....1:00pm- 3:50pm (CHM 2225) LAB STAFF
0102 TuTh.....1:00pm- 3:50pm (CHM 2225) LAB STAFF

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Gerlt. — 2-4 credits

BCHM669 Special Topics in Biochemistry: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD; — 2 credits
0101 Time and room to be arranged Gerlt, J

BCHM673 Regulation of Metabolism; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHM 2201) Holmlund, C

BCHM674 Nucleic Acids; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Brusilow, W

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. — 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BCHM898A Seminar: Biochemistry Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....11:00am-11:50am (CHM 0128) STAFF

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Sterol Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged Holmlund, C

BCHM898E Seminar: Xenobiotic Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898F Seminar: Bacterial Spores; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898I Seminar: Microbial Chemistry; Grade Method: REG/AUD; Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged DIS Brusilow, W

BCHM898J Seminar: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD; Contact instructor to make arrangements. — 1 credit
0101 Time and room to be arranged DIS Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## BIOL Biology (Life Sciences)

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BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-Lab Science and Mathematics requirement. If taken with BIOL 102, course may be counted as Lab Science requirement. — 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 0226) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD; — 1 credit
1003 Tu.....9:00am-12:00pm (HJP 2104) LAB Motta, J
1004 Tu.....1:00pm- 4:00pm (HJP 2104) LAB Motta, J
1007 Th.....9:00am-12:00pm (HJP 2104) LAB Motta, J
1008 Th.....1:00pm- 4:00pm (HJP 2104) LAB Motta, J

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. — 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG; — 1 credit
0101 F.....11:00am-11:50am (HJP 1229) Berg, L

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## BIOM Biometrics (Agriculture)

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BIOM301 Introduction to Biometrics; Grade Method: REG/P-F/AUD; Discussions are non-credit, optional help sessions. — 3 credits
0101 MWF.....8:00am- 8:50am (CSS 2324) Hudson, S
Th.....3:00pm- 3:50pm (CHM 0127) DIS
0102 MWF.....8:00am- 8:50am (CSS 2324) Hudson, S
Th.....4:00pm- 4:50pm (CHM 0127) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F; — 1 credit
0101 Tu.....9:00am-11:00am (ANS 1109) LAB Johnson, A

BIOM602 Biostatistics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0119) Douglass, L

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD; — 1-3 credits
0101 Time and room to be arranged Douglass, L
0201 Time and room to be arranged Russek-Cohen, E

BIOM688C Topics in Biometrics: Advanced Data Operations in SAS; Grade Method: REG/AUD; — 1 credit
0101 Tu.....3:00pm- 3:50pm (CHE 2116) Johnson, A

BIOM698 (PermReq) Special Problems in Biometrics; Grade Method: REG/AUD; — 1-3 credits
0101 Time and room to be arranged Douglass, L
0201 W.....4:00pm- 4:50pm (CHE 2118) Russek-Cohen, E

BIOM699 Seminar in Biometrics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Russek-Cohen, E

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## BMGT Business and Management (Business and Management )

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BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD; Not open to BMGT majors with 66 hours or more completed. — 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0130) Simon, J

BMGT220 Principles of Accounting I; Grade Method: REG; Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Prerequisite: Sophomore standing. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....8:00am- 8:50am (TYD 2102) DIS
0102 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....8:00am- 8:50am (TYD 2109) DIS
0103 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
Tu.....8:00am- 8:50am (TYD 1118) DIS
0104 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
W.....8:00am- 8:50am (TYD 2102) DIS
0105 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
W.....8:00am- 8:50am (TYD 2109) DIS
0106 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....8:00am- 8:50am (TYD 1118) DIS
0107 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....8:00am- 8:50am (TYD 2102) DIS
0108 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....12:00pm-12:50pm (TYD 1108) DIS
0109 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
W.....12:00pm-12:50pm (TYD 1108) DIS
0110 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....12:00pm-12:50pm (TYD 1108) DIS
0111 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
M.....4:00pm- 4:50pm (TYD 0101) DIS
0112 TuTh.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....4:00pm- 4:50pm (TYD 1118) DIS

BMGT221 Principles of Accounting II; Grade Method: REG; Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Prerequisite: BMGT 220. — 3 credits
0101 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
M.....8:00am- 8:50am (TYD 1108) DIS
0102 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Tu.....8:00am- 8:50am (TYD 2102) DIS
0103 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
W.....8:00am- 8:50am (TYD 1108) DIS
0104 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
Th.....8:00am- 8:50am (TYD 2102) DIS
0105 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
F.....8:00am- 8:50am (TYD 2109) DIS
0106 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
F.....8:00am- 8:50am (TYD 1108) DIS
0107 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
F.....2:00pm- 2:50pm (TYD 2108) DIS
0108 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
M.....3:00pm- 3:50pm (TYD 1108) DIS
0109 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
W.....3:00pm- 3:50pm (TYD 1108) DIS
0110 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
F.....3:00pm- 3:50pm (TYD 1108) DIS
0111 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
F.....3:00pm- 3:50pm (TYD 1140) DIS
0112 MW.....5:00pm- 6:15pm (TYD 0130) Hardy, K
F.....4:00pm- 4:50pm (TYD 1140) DIS
0201 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
M.....8:00am- 8:50am (TYD 0117) DIS
0202 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
W.....8:00am- 8:50am (TYD 0117) DIS
0203 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Th.....8:00am- 8:50am (TYD 1108) DIS
0204 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Th.....8:00am- 8:50am (TYD 0102) DIS
0205 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....8:00am- 8:50am (TYD 0117) DIS
0206 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....2:00pm- 2:50pm (TYD 0117) DIS
0207 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....3:00pm- 3:50pm (TYD 0117) DIS
0208 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
M.....4:00pm- 4:50pm (TYD 1118) DIS
0209 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Tu.....4:00pm- 4:50pm (TYD 0117) DIS
0210 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Th.....4:00pm- 4:50pm (TYD 0117) DIS
0211 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Tu.....4:00pm- 4:50pm (TYD 1140) DIS
0212 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Th.....4:00pm- 4:50pm (TYD 1140) DIS

BMGT230 Business Statistics; Grade Method: REG; Prerequisite: MATH 220 or consent of instructor. Only one of the following courses may be taken for credit: BMGT 230, 231, SOCY 202, PSYC 200, GEOG 305, ECON 421 or EDMS 451. Where a BMGT exam conflicts with a regularly scheduled class, the student will be provided with a makeup exam. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....1:00pm- 1:50pm (TYD 2102) DIS
0102 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....1:00pm- 1:50pm (TYD 1118) DIS
0103 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....2:00pm- 2:50pm (ARM 0116) DIS
0104 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....2:00pm- 2:50pm (TYD 2102) DIS
0105 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....2:00pm- 2:50pm (TYD 1140) DIS
0106 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....2:00pm- 2:50pm (TYD 0111) DIS
0107 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....3:00pm- 3:50pm (TYD 1118) DIS
0108 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....3:00pm- 3:50pm (TYD 1118) DIS
0109 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....3:00pm- 3:50pm (TYD 1118) DIS
0110 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....3:00pm- 3:50pm (TYD 0111) DIS
0111 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....4:00pm- 4:50pm (JRN 1116) DIS
0112 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....4:00pm- 4:50pm (TYD 0101) DIS

BMGT231 Statistical Models For Business; Grade Method: REG; Prerequisite: MATH 141 or permission of instructor. Only one of the following courses may be taken for credit: BMGT 230, 231, SOCY 202, GEOG 305, ECON 421, or EDMS 451. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2109) Kotz, S

BMGT301 Introduction to Data Processing; Grade Method: REG; This is a restricted course for BMGT majors and students with major codes 08380 and 0803H with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....1:00pm- 1:50pm (SHM 2102) Spear, R
F.....9:00am- 9:50am (TYD 2102) LAB
0102 MW.....1:00pm- 1:50pm (SHM 2102) Spear, R
F.....10:00am-10:50am (TYD 2102) LAB
0103 MW.....1:00pm- 1:50pm (SHM 2102) Spear, R
F.....11:00am-11:50am (TYD 2102) LAB
0104 MW.....1:00pm- 1:50pm (SHM 2102) Spear, R
F.....12:00pm-12:50pm (TYD 2102) LAB
0201 Tu.....2:00pm- 4:00pm (SKN 0200) Hirsch, R
F.....9:00am- 9:50am (TYD 1118) LAB
0202 Tu.....2:00pm- 4:00pm (SKN 0200) Hirsch, R
F.....10:00am-10:50am (TYD 1118) LAB
0203 Tu.....2:00pm- 4:00pm (SKN 0200) Hirsch, R
F.....11:00am-11:50am (TYD 1118) LAB
0204 Tu.....2:00pm- 4:00pm (SKN 0200) Hirsch, R
F.....12:00pm-12:50pm (TYD 1118) LAB

BMGT302 Information Systems Implementation Techniques; Grade Method: REG; Prerequisite: BMGT 301 or permission of instructor. This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0111) STAFF
0201 TuTh.....12:30pm- 1:45pm (TYD 0111) STAFF

BMGT310 Intermediate Accounting I; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 hours completed. All others must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 MWF.....8:00am- 8:50am (TYD 1140) STAFF
0201 MWF.....9:00am- 9:50am (TYD 1140) STAFF
0301 MW.....2:00pm- 3:15pm (TYD 2108) Huss, H
0401 MW.....3:30pm- 4:45pm (TYD 2108) Huss, H

BMGT311 Intermediate Accounting II; Grade Method: REG; Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 68 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1108) Stark, A
0201 TuTh.....11:00am-12:15pm (WDS 0104) Stark, A
0301 TuTh.....12:30pm- 1:45pm (WDS 0104) Sutton, T
0401 TuTh.....2:00pm- 3:15pm (ARM 0116) Sutton, T

BMGT321 Cost Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 2109) STAFF
0201 MWF.....10:00am-10:50am (TYD 1128) STAFF
0301 TuTh.....9:30am-10:45am (TYD 2109) Loeb, M
0401 TuTh.....11:00am-12:15pm (TYD 2109) Loeb, M
0501 TuTh.....11:00am-12:15pm (TYD 2108) Bedingfield, J
0601 TuTh.....12:30pm- 1:45pm (TYD 2108) Bedingfield, J

BMGT323 Income Tax Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 semester hours. All others must have authorization form. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1132) Edelson, C
0201 MW.....3:30pm- 4:45pm (TYD 1132) Edelson, C
0301 TuTh.....2:00pm- 3:15pm (ARM 0105) Rubenfield, A
0401 TuTh.....3:30pm- 4:45pm (TYD 2109) Rubenfield, A

BMGT326 Accounting Systems; Grade Method: REG; Prerequisites: BMGT 221, 301 and 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1108) Zieha, E
0201 MWF.....10:00am-10:50am (TYD 1108) Zieha, E

BMGT332 Operations Research For Management Decisions; Grade Method: REG; Prerequisites: BMGT 230 and MATH 220. Not for management science-statistics majors. This course is restricted to BMGT majors with 54 semester hours completed. All others must have authorization form. — 3 credits

0101 MWF.....10:00am-10:50am (TYD 0102) Fromovitz, S
0201 MWF.....11:00am-11:50am (TYD 1140) Fromovitz, S
0301 MWF.....1:00pm- 1:50pm (TYD 1140) Fromovitz, S
0401 MWF.....2:00pm- 2:50pm (TYD 1108) Fromovitz, S
0501 TuTh.....2:00pm- 3:15pm (TYD 2109) Dahl, R

BMGT340 Business Finance; Grade Method: REG; Prerequisites: BMGT 230 and 221. This course is restricted to BMGT majors and students with major code 01110 with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....10:00am-10:50am (ZOP 1240) Odle, C
Th.....1:00pm- 1:50pm (TWS 2154) DIS
0102 TuTh.....10:00am-10:50am (ZOP 1240) Odle, C
Th.....2:00pm- 2:50pm (SKN 0200) DIS
0103 TuTh.....10:00am-10:50am (ZOP 1240) Odle, C
Th.....3:00pm- 3:50pm (SKN 0200) DIS
0104 TuTh.....10:00am-10:50am (ZOP 1240) Odle, C
Th.....4:00pm- 4:50pm (SKN 0200) DIS

BMGT343 Investments; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semester hours. All others must have authorization form. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2102) Chen, S
0201 TuTh.....2:00pm- 3:15pm (JRN 1104) Bhaumik, A
0301 MW.....2:00pm- 3:15pm (TYD 2109) Haslem, J
0401 MW.....3:30pm- 4:45pm (TYD 2109) Haslem, J

BMGT350 Marketing Principles and Organization; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is restricted to BMGT majors, and students with majors codes 01110, 0803C, 0838O, 1303A, 1303B, 1303C, 1304A, 0602A, 0602F, with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0130) Nickels, W

BMGT353 Retail Management; Grade Method: REG; Prerequisite: BMGT 220 and 350. This course is restricted to BMGT majors and secondary education - marketing majors (0803C) with 68 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3112) Jolson, M

BMGT354 Promotion Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors, and students with major codes 0803C, 0602A, 0602F, with 60 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1140) Stocker, P
0201 MWF.....1:00pm- 1:50pm (TYD 2109) Stocker, P
0301 TuTh.....11:00am-12:15pm (ARM 0117) Swope, D
0401 M.....7:00pm- 9:40pm (TYD 1128) Rosecky, R

BMGT360 Personnel Management; Grade Method: REG; This course open to all UMCP majors with 53 semester hours completed. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0130) Feren, D

BMGT362 Labor Relations; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0839A and 1307A with 60 semester hours completed. All others must have authorization form . — 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1140) Kovach, K
0201 TuTh.....9:30am-10:45am (TYD 1140) Kovach, K

BMGT364 Management and Organization Theory; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 01110, 1303A, 1303B, and 1303C with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 0130) Carroll Jr., S

BMGT370 Principles of Transportation; Grade Method: REG; Prerequisite: ECON 203 or 205. This course open to all UMCP majors, with 53 semester hours completed. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 0111) Smith, R
0201 TuTh.....2:00pm- 3:15pm (TLF 0101) Grimm, C
0301 TuTh.....3:30pm- 4:45pm (TYD 0101) Grimm, C

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG; Not open for credit to students who have credit for BMGT 371. This course is restricted to BMGT majors with 53 semester hours completed. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 0117) Smith, R
0201 MWF.....12:00pm-12:50pm (TYD 0111) Smith, R
0301 TuTh.....2:00pm- 3:15pm (ARM 0117) Murphy, P

BMGT380 Business Law I; Grade Method: REG; This course is restricted to BMGT majors and students with major code 01110, 0803C with 53 semester hours completed . All others must have authorization form — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0117) Dawson, T
0201 TuTh.....12:30pm- 1:45pm (TYD 0117) Dawson, T
0301 TuTh.....2:00pm- 3:15pm (TYD 0117) Dawson, T
0401 MW.....2:00pm- 3:15pm (TYD 0117) Harman, J

BMGT381 Business Law II; Grade Method: REG; Prerequisite: BMGT 380. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0117) Harman, J

BMGT385 Production Management; Grade Method: REG; This course is restricted to BMGT majors and students with major code 0839A with 53 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1140) Assad, A

BMGT386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT402 Database and Data Communication Systems; Grade Method: REG; Prerequisite: BMGT302. This course is restricted to BMGT majors with 66 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 1140) Ring, S

BMGT403 Systems Analysis; Grade Method: REG; Restricted to BMGT majors only with 85 semester hours completed. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1140) Hevner, A

BMGT404 Seminar in Decision Support Systems; Grade Method: REG; Prerequisite: BMGT 301. Restricted to BMGT majors with 72 semester hours completed. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 0117) Chu, Y

BMGT410 Fund Accounting; Grade Method: REG; Prerequisite: BMGT 310. Accounting majors only with 72 semester hours completed. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0101) Wardlow, P
0201 TuTh.....11:00am-12:15pm (TYD 1140) Wardlow, P

BMGT417 Advanced Tax Accounting; Grade Method: REG; Prerequisite: BMGT 311 and 323. This course is restricted to accounting majors with 87 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HZF 1102) Pantalone Jr.,
0201 M.....7:00pm- 9:40pm (TYD 1140) Pantalone Jr.,

BMGT420 Undergraduate Accounting Seminar; Grade Method: REG; Restricted to accounting majors with 90 semester hours completed. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 1102) Loeb, S

BMGT422 Auditing Theory and Practice; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0102) Pfeiffer, G
0201 TuTh.....2:00pm- 3:15pm (TYD 0102) Pfeiffer, G
0301 M.....7:00pm- 9:40pm (TYD 0102) STAFF

BMGT424 Advanced Accounting; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 MWF.....8:00am- 8:50am (TYD 0102) Manchester, J
0201 MWF.....9:00am- 9:50am (TYD 0102) Manchester, J

BMGT430 Linear Statistical Models in Business; Grade Method: REG; Prerequisite: BMGT230. This course is restricted to BMGT majors with 87 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1140) Kotz, S

BMGT434 Introduction to Optimization Theory; Grade Method: REG; Prerequisite: MATH 220 and BMGT 230. (For management science-statistics). This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0111) Bodin, L

BMGT435 Introduction to Applied Probability Models; Grade Method: REG; Prerequisite: BMGT 231 or by permission of instructor. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0102) Trader, R

BMGT440 Financial Management; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 85 semester hours. All others must have authorization form. — 3 credits
0101 MW.....3:30pm- 4:45pm (JRN 1105) Soubra, B
0201 Tu.....7:00pm- 9:40pm (TYD 2109) Hamid, S
0301 Th.....7:00pm- 9:40pm (TYD 2109) Embersit, J

BMGT443 Security Analysis and Valuation; Grade Method: REG; Prerequisite : BMGT 343. This course is restricted to BMGT majors with 85 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1101) Christofi, A

BMGT444 Futures Contracts and Options; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to finance majors with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....2:00pm- 3:15pm (HZF 1101) Chang, E
0201 MW.....3:30pm- 4:45pm (TYD 0102) Chang, E

BMGT445 Commerical Bank Management; Grade Method: REG; Prerequisites: BMGT 340 and ECON 430. This course is restricted to finance majors with 87 hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2108) Edmister, R
0201 TuTh.....9:30am-10:45am (TYD 2108) Edmister, R

BMGT450 Marketing Research Methods; Grade Method: REG; Prerequisite: BMGT 350 and BMGT 230. This course is restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization form. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 0111) Calfee, J
0201 TuTh.....9:30am-10:45am (EGR 1126) Smith, R
0301 TuTh.....11:00am-12:15pm (TYD 0111) Smith, R
0401 MWF.....9:00am- 9:50am (LEF 1201) Rao, A

BMGT451 Consumer Analysis; Grade Method: REG; Prerequisite: BMGT 350. Recommended: PSYC 100 and PSYC 221 be taken prior to this course. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 72 hours completed. All others must have authorization form. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 0102) Tracy, K
0201 MWF.....12:00pm-12:50pm (JRN 1116) Tracy, K
0301 TuTh.....9:30am-10:45am (ARM 0116) Stephens, D
0401 TuTh.....12:30pm- 1:45pm (JMZ 2206) Stephens, D
0501 MWF.....8:00am- 8:50am (TYD 0101) Rao, A

BMGT454 International Marketing; Grade Method: REG; This course restricted to BMGT majors with 72 semester hours completed. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 1220) Chattalas, M
0201 MWF.....11:00am-11:50am (TYD 1108) Chattalas, M

BMGT456 Advertising; Grade Method: REG; Prerequisite: BMGT 354. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 0602A, and 0602F with 60 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 0117) Daston, M
0201 MWF.....8:00am- 8:50am (TYD 1102) Daston, M

BMGT457 Marketing Policies and Strategies; Grade Method: REG; Prerequisite: 9 semester hours of marketing. This course is restricted to marketing majors with 102 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1108) Poist, H
0201 TuTh.....2:00pm- 3:15pm (TYD 1108) Poist, H
0301 MW.....2:00pm- 3:15pm (WDS 1101) Hynes, C
0401 MW.....3:30pm- 4:45pm (TYD 2110) Hynes, C

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG; Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....2:00pm- 3:15pm (JRN 1105) Giannantonio, C

BMGT462 Labor Legislation; Grade Method: REG; This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0102) Levine, M

BMGT464 Organizational Behavior; Grade Method: REG; Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. — 3 credits
0101 MW.....4:00pm- 5:15pm (TYD 1108) Gannon, M

BMGT471 Air and Water Transportation Systems; Grade Method: REG; Prerequisite: BMGT 370. This course open to all UMCP majors. — 3 credits
0101 Tu.....3:30pm- 6:10pm (TYD 1132) STAFF

BMGT473 Advanced Transportation Problems; Grade Method: REG; Prerequisite: BMGT 370. This course open to all UMCP majors with 72 semester hours completed. — 3 credits
0101 Th.....3:30pm- 6:10pm (TYD 2100) Gardner, L

BMGT475 Advanced Logistics Management; Grade Method: REG; Prerequisite: BMGT 332, 370, and 372. — 3 credits
0101 TuTh.....11:00am-12:15pm (HJP 1229) Murphy, P

BMGT480 Legal Environment of Business; Grade Method: REG; This course open to all UMCP majors. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0101) Holcomb, J

BMGT481 Public Utilities; Grade Method: REG; Prerequisite: ECON 203 or 205. This is a restricted course. Non-BMGT majors must have authorization form. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 0111) Garbuny, S
0201 MWF.....12:00pm-12:50pm (TYD 2109) Garbuny, S

BMGT482 Business and Government; Grade Method: REG; Prerequisite: ECON 203 or 205. This is a restricted course. Non-BMGT majors must have authorization form. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0111) McLaughlin, F

BMGT485 Advanced Production Management; Grade Method: REG; Restricted to BMGT majors with 60 semester hours completed. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2100) Assad, A

BMGT495 Business Policies; Grade Method: REG; Open only to graduating seniors in business and management. Prerequisite: BMGT 340, BMGT 350, BMGT 364. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form. — 3 credits
0101 MWF.....8:00am- 8:50am (TYD 2108) Jones, R
0201 MWF.....9:00am- 9:50am (TYD 2108) Jones, R
0301 MWF.....10:00am-10:50am (TYD 2108) Harrison, J
0401 MWF.....11:00am-11:50am (TYD 2108) Harrison, J
0501 MWF.....12:00pm-12:50pm (TYD 2108) Rubenson, G
0601 MWF.....1:00pm- 1:50pm (TYD 2108) Rubenson, G
0701 MWF.....1:00pm- 1:50pm (TYD 1108) Cummins, M
0801 TuTh.....8:00am- 9:15am (TYD 0111) Sapienza, H
0901 TuTh.....9:30am-10:45am (TYD 1108) Sapienza, H
1001 TuTh.....11:00am-12:15pm (TYD 1108) Tischler, L
1101 TuTh.....12:30pm- 1:45pm (ARM 0117) McLaughlin, F
1201 TuTh.....2:00pm- 3:15pm (TYD 2108) Gupta, A
1301 TuTh.....3:30pm- 4:45pm (TYD 2108) Gupta, A

BMGT495A Business Policies; Grade Method: REG; Special section on small business problems. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorizationform. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. — 3 credits
0101 M.....4:00pm- 6:40pm (TYD 2100) Smith, K

BMGT496L (PermReq) Business and Society; Grade Method: REG/P-F; By permission of Arts and Humanities College office only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2140) Holcomb, J

BMGT498M (PermReq) Special Topics in Business and Management: Accounting, Budgeting and Planning; Grade Method: REG/P-F; By permission of Arts and Humanities College office only. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3215) Fettus, S

BMGT611 Managerial Accounting I; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1118) Schick, A
0201 TuTh.....11:00am-12:15pm (TYD 1118) Schick, A
0301 MW.....12:00pm- 1:15pm (TYD 1118) Friar, S
0401 M.....7:00pm- 9:40pm (TYD 1108) STAFF
0501 Tu.....7:00pm- 9:40pm (TYD 1118) STAFF
0601 W.....7:00pm- 9:40pm (TYD 2102) Friar, S

BMGT620 Management Information Systems; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 1114) Basu, A
0301 Tu.....7:00pm- 9:40pm (TYD 1114) Ahad, R

BMGT631 Operations Research and Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 MW.....10:30am-11:45am (TYD 2102) Ball, M
0201 MW.....1:30pm- 2:45pm (TYD 2102) Gass, S
0301 TuTh.....12:30pm- 1:45pm (TYD 2102) Bodin, L

BMGT640 Financial Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 MW.....9:00am- 9:50am (TYD 1118) Bradford, W
0201 MW.....10:30am-11:45am (TYD 1118) Bradford, W
0301 TuTh.....2:00pm- 3:15pm (TYD 1118) Christofi, A

BMGT650 Marketing Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 0111) STAFF
0201 W.....7:00pm- 9:40pm (TYD 2108) STAFF
0301 Th.....7:00pm- 9:40pm (TYD 2102) Novelli, W

BMGT661 Human Resources Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 MW.....12:00pm- 1:15pm (TYD 2102) Bartol, K
0201 W.....7:00pm- 9:40pm (TYD 1118) Bartol, K

BMGT671 Managerial Economics; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 MW.....1:30pm- 2:45pm (TYD 0111) Scheraga, C
0201 MW.....3:00pm- 4:15pm (TYD 0111) Scheraga, C

BMGT672 Physical Distribution Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2102) Poist, R
0201 W.....7:00pm- 9:40pm (TYD 2106) Poist, R

BMGT680 Business and Public Policy; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 0111) Preston, L
0201 Th.....7:00pm- 9:40pm (TYD 0111) Holcomb, J

BMGT690 Strategic Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 MW.....3:00pm- 4:15pm (TYD 2102) Power, D
0201 MW.....4:30pm- 5:45pm (TYD 2102) Power, D
0301 TuTh.....3:30pm- 4:45pm (TYD 1108) Power, D

BMGT711 Advanced Managerial Accounting; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2102) Gordon, L

BMGT713 The Impact of Taxation On Business Decisions; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2110) Pantalone Jr.,

BMGT721 File Processing and Database Systems; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 Th.....4:00pm- 6:40pm (TYD 2106) Ahad, R

BMGT726 Distributed Data Processing; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2106) Hevner, A

BMGT727 Security and Control of Information Systems; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:00am-10:15am (TYD 2102) Ball, M

BMGT741 Advanced Financial Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. Majors only until first day of classes. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1118) Chen, S

BMGT742 Financial Planning and Strategy; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2140) Kolodny, R
0201 Tu.....6:30pm- 9:10pm (TYD 2102) Kolodny, R

BMGT743 Investment Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 1140) Eun, C

BMGT745 Financial Institutions Management; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2109) Black, H

BMGT746 International Financial Management; Grade Method: REG/AUD; — 3 credits
0101 W.....6:30pm- 9:10pm (TYD 1128) Eun, C

BMGT752 Marketing Research Methods; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2100) STAFF

BMGT753 International Marketing; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:10pm (TYD 1118) Greer, T

BMGT762 Problems and Issues in Collective Bargaining; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2102) Levine, M

BMGT765 Application of Behavioral Science to Business; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 0102) Gannon, M

BMGT771 Transportation and Public Policy; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2140) Corsi, T

BMGT791 (PermReq) MBA Field Project; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students may register only with written permission of course coordinator. — 3 credits

BMGT794 The Environment of International Business; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 0102) Pearce, A

BMGT798A Special Topics in Business and Management: Linear Statistical Models; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2140) Trader, R

BMGT798B Special Topics in Business and Management: Applied Statistical Analysis; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:40pm (TYD 2102) Alt, F

BMGT798C Special Topics in Business and Management: Auditing; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 1118) Fischetti, M

BMGT798D Special Topics in Business and Management: Legal Environment of Business; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2140) Holcomb, J

BMGT798F Special Topics in Business and Management: Time Series Analysis; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 W.....4:20pm- 7:00pm (TYD 1118) Alt, F

BMGT798G Special Topics in Business and Management: Operations Research and Public Policy; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 1222) Cohen, M

BMGT798I Special Topics in Business and Management: Information Systems; Grade Method: REG/AUD; Majors only until the first day of class. — 3 credits
0101 MW.....1:30pm- 2:45pm (TYD 1118) Basu, A

BMGT798J Special Topics in Business and Management: Telecommunications Part II; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2140) Thayer, R

BMGT798M Special Topics in Business and Management: Advertising Regulation; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 0117) Calfee, J

BMGT798N Special Topics in Business and Management: Sales Force Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:10pm (TYD 1108) Jolson, M

BMGT798P Special Topics in Business and Management: Entrepreneurship; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:40pm (TYD 2106) Smith, K

BMGT798X Special Topics in Business and Management: Readings in Management Science; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2100) Fromovitz, S

BMGT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BMGT808M Doctoral Seminar: Seminar in Advertising Regulation; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 0117) Calfee, J

BMGT808N Doctoral Seminar: Seminar in Sales Force Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:10pm (TYD 1108) Jolson, M

BMGT808R Doctoral Seminar: Strategic Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:40pm (TYD 2110) Gupta, A

BMGT824 Database Systems Architecture; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (TYD 1118) Yao, S

BMGT828 Independent Study in Business and Management; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Waikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors. — 1-9 credits

BMGT831 Operations Research: Extension of Linear Programming and Network Analysis; Grade Method: REG/AUD; Majors only until first day of classes. — 3 credits
0101 Tu.....4:00pm- 6:40pm (TYD 2100) Golden, B

BMGT835 Simulation and Design of Experiments; Grade Method: REG/AUD; Prerequisite: knowledge of Fortran programming, BMGT 630 and 631 or equivalent, or permission of instructor. — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1108) STAFF

BMGT841 Seminar in Corporate Finance; Grade Method: REG/AUD; — 3 credits
0101 W.....12:00pm- 2:40pm (TYD 1136) Soubra, B

BMGT864 Seminar in Interpersonal Relations and the Group Process in Organizations; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:40pm (TYD 2140) Zeira, Y

BMGT866 Seminar in Organizational Conflict and Change; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:40pm (TYD 2100) Zeira, Y

BMGT880 Business Research Methodology; Grade Method: REG/AUD; — 3 credits
0101 M.....1:00pm- 4:00pm (TYD 1136) Olian, J

BMGT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## BOTN Botany (Life Sciences)

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BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

| | | | |
|---|---|---|---|
| 1001 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | TuTh.....8:00am-10:00am (HJP 3104) | LAB | |
| 1002 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | MW.....4:00pm- 6:00pm (HJP 3104) | LAB | |
| 1003 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | MF.....10:00am-12:00pm (HJP 3104) | LAB | |
| 1004 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | MW.....2:00pm- 4:00pm (HJP 3104) | LAB | |
| 1005 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | TuTh.....4:00pm- 6:00pm (HJP 3104) | LAB | |
| 1006 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | MW.....4:00pm- 6:00pm (HJP 3127) | LAB | |
| 1007 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | TuTh.....12:00pm- 2:00pm (HJP 3104) | LAB | |
| 1008 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | MF.....12:00pm- 2:00pm (HJP 3104) | LAB | |
| 1009 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | MF.....8:00am-10:00am (HJP 3104) | LAB | |
| 1010 | TuTh.....11:00am-11:50am (HJP 0226) | | Karlander, E |
| | TuTh.....2:00pm- 4:00pm (HJP 3104) | LAB | |
| 2001 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | MF.....8:00am-10:00am (HJP 2103) | LAB | |
| 2002 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | TuTh.....4:00pm- 6:00pm (HJP 2103) | LAB | |
| 2003 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | MF.....12:00pm- 2:00pm (HJP 3127) | LAB | |
| 2004 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | MW.....2:00pm- 4:00pm (HJP 2103) | LAB | |
| 2005 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | TuTh.....8:00am-10:00am (HJP 2103) | LAB | |
| 2006 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | TuTh.....10:00am-12:00pm (HJP 2103) | LAB | |
| 2007 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | MF.....12:00pm- 2:00pm (HJP 2103) | LAB | |
| 2008 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | TuTh.....12:00pm- 2:00pm (HJP 2103) | LAB | |
| 2009 | MW.....10:00am-10:50am (HJP 0226) | | Berg, L |
| | TuTh.....2:00pm- 4:00pm (HJP 2103) | LAB | |
| 3001 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | MF.....8:00am-10:00am (HJP 1125) | LAB | |
| 3002 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | TuTh.....4:00pm- 6:00pm (HJP 1125) | LAB | |
| 3003 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | MF.....10:00am-12:00pm (HJP 1125) | LAB | |
| 3004 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | MF.....12:00pm- 2:00pm (HJP 1125) | LAB | |
| 3005 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | MW.....4:00pm- 6:00pm (HJP 1125) | LAB | |
| 3006 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | TuTh.....8:00am-10:00am (HJP 1125) | LAB | |
| 3007 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | TuTh.....12:00pm- 2:00pm (HJP 1125) | LAB | |
| 3008 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | TuTh.....12:00pm- 2:00pm (HJP 3127) | LAB | |
| 3009 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | TuTh.....2:00pm- 4:00pm (HJP 1125) | LAB | |
| 3010 | TuTh.....10:00am-10:50am (HJP 0226) | | Karlander, E |
| | MW.....2:00pm- 4:00pm (HJP 3127) | LAB | |
| 4001 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | MF.....8:00am-10:00am (HJP 3127) | LAB | |
| 4002 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | MF.....10:00am-12:00pm (HJP 3127) | LAB | |
| 4003 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | TuTh.....2:00pm- 4:00pm (HJP 3127) | LAB | |
| 4004 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | TuTh.....4:00pm- 6:00pm (HJP 3127) | LAB | |
| 4005 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | MW.....2:00pm- 4:00pm (HJP 1125) | LAB | |
| 4006 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | MF.....10:00am-12:00pm (HJP 2103) | LAB | |
| 4007 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | TuTh.....10:00am-12:00pm (HJP 3104) | LAB | |
| 4008 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | TuTh.....10:00am-12:00pm (HJP 1125) | LAB | |
| 4009 | TuTh.....9:00am- 9:50am (HJP 0226) | | Van Valkenburg, |
| | TuTh.....10:00am-12:00pm (HJP 3127) | LAB | |

BOTN200 Humanistic Botany; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 2 credits
0101 TuTh.....10:00am-10:50am (HJP 1229) Berg, L

BOTN202 Plant Kingdom; Grade Method: REG/P-F/AUD; — 4 credits

| | | | |
|---|---|---|---|
| 0101 | MW.....10:00am-10:50am (HJP 2242) | | Koines, P |
| | MW.....12:00pm- 2:00pm (HJP 2226) | LAB | |
| 0102 | MW.....10:00am-10:50am (HJP 2242) | | Koines, P |
| | MW.....2:00pm- 4:00pm (HJP 2226) | LAB | |
| 0103 | MW.....10:00am-10:50am (HJP 2242) | | Koines, P |
| | TuTh.....10:00am-12:00pm (HJP 2226) | LAB | |
| 0104 | MW.....10:00am-10:50am (HJP 2242) | | Koines, P |
| | TuTh.....12:00pm- 2:00pm (HJP 2226) | LAB | |
| 0105 | MW.....10:00am-10:50am (HJP 2242) | | Koines, P |
| | TuTh.....2:00pm- 4:00pm (HJP 2226) | LAB | |

BOTN212 Plant Taxonomy; Grade Method: REG/P-F/AUD; — 4 credits

| | | | |
|---|---|---|---|
| 0101 | MW.....9:00am- 9:50am (ARM 0112) | | Reveal, J |
| | MW.....10:00am-12:00pm (HJP 1105) | LAB | |
| 0102 | MW.....9:00am- 9:50am (ARM 0112) | | Reveal, J |
| | MW.....12:00pm- 2:00pm (HJP 1105) | LAB | |
| 0103 | MW.....9:00am- 9:50am (ARM 0112) | | Reveal, J |
| | MW.....2:00pm- 4:00pm (HJP 1105) | LAB | |
| 0104 | MW.....9:00am- 9:50am (ARM 0112) | | Reveal, J |
| | MW.....4:00pm- 6:00pm (HJP 1105) | LAB | |

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN398 Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 F.....10:00am-10:50am (HJP 1229) Berg, L

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN403 Medicinal and Poisonous Plants; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (HJP 1229) Lockard, J

BOTN414 Plant Genetics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 2242) Bottino, P

BOTN421 Principles of Plant Disease Management; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:00am- 9:50am (HJP 1229) Steiner, P
F.....1:00pm- 3:50pm (HJP 2230) LAB

BOTN462 Plant Ecology; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (HJP 2242) Forseth Jr., I

BOTN463 Ecology of Marsh and Dune Vegetation; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....11:00am-11:50am (HJP 2242) Higgins, E

BOTN464 Plant Ecology Laboratory; Grade Method: REG/P-F/AUD; — 2 credits
0101 Tu.....1:00pm- 4:00pm (HJP 1105) LAB STAFF
0102 Th.....1:00pm- 4:00pm (HJP 1105) LAB STAFF
0103 F.....1:00pm- 4:00pm (HJP 1105) LAB STAFF

BOTN632 Plant Virology; Grade Method: REG; — 2 credits
0101 MW.....10:00am-10:50am (HJP 2230) Corbett, M

BOTN684 Plant Membrane Physiology; Grade Method: REG/AUD; — 2 credits
0101 MW.....11:00am-11:50am (HJP 1229) Sze, H

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (HJP 1229) Sisler, H

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD; — 1 credit
0101 F.....4:00pm- 4:50pm (HJP 1229) STAFF

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1229) Teramura, A

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Motta, J

BOTN698F Seminar in Botany: Morphology and Plant Systematics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Reveal, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Bottino, P

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699G (PermReq) Special Problems in Botany: Phycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699I (PermReq) Special Problems in Botany: Virology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699J (PermReq) Special Problems in Botany: Genetics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN721 (PermReq) Clinical and Field Plant Pathology; Grade Method: REG/AUD; — 1-2 credits
0101 Time and room to be arranged Collmer, A

BOTN799A (PermReq) Master's Thesis Research: Anatomy and Morphology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN799B (PermReq) Master's Thesis Research: Ecology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN799C (PermReq) Master's Thesis Research: Genetics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN799D (PermReq) Master's Thesis Research: Pathology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Bean, Collmer, Corbett, Grybauskas, Hutcheson, Kantzes, Krusbe Sisler, Steiner. — 1-6 credits

BOTN799E (PermReq) Master's Thesis Research: Physiology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Barnett, Cooke, Karlander, Kung, Patterson, Racusen, and Sze. — 1-6 credits

BOTN799F (PermReq) Master's Thesis Research: Systematics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Motta, Reveal, Van Valkenburg. — 1-6 credits

BOTN799I (PermReq) Master's Thesis Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN899A (PermReq) Doctoral Dissertation Research: Anatomy and Morphology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899B (PermReq) Doctoral Dissertation Research: Ecology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899C (PermReq) Doctoral Dissertation Research: Genetics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899D (PermReq) Doctoral Dissertation Research: Pathology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Bean, Collmer, Corbett, Grybauskas, Hutcheson, Kantzes, KrusberSisler and Steiner. — 1-8 credits

BOTN899E (PermReq) Doctoral Dissertation Research: Physiology of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Barnett, Cooke, Karlander,Kung, Patterson, Racusen, and Sze. — 1-8 credits

BOTN899F (PermReq) Doctoral Dissertation Research: Systematics of Plants; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Professors - Motta, Reveal, Van Valkenburg. — 1-8 credits

BOTN899I (PermReq) Doctoral Dissertation Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## BSOS Behavioral and Social Sciences (Behavior + Social Sci)

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BSOS200 Introduction to Applied Behavioral and Social Sciences; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

| | | | |
|---|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (ASY 3221) | | Segal, D |
| | Tu.....3:15pm- 4:00pm (ASY 3221) | LAB | |
| 0102 | TuTh.....2:00pm- 3:15pm (ASY 3221) | | Segal, D |
| | Th.....3:15pm- 4:00pm (ASY 3221) | LAB | |

BSOS308 Contemporary Issues: Interdisciplinary Approaches: Ethical Issues in Social Science Research; Grade Method: REG; — 3 credits
0101 W.....2:00pm- 4:45pm (WDS 1127) Sagoff, M

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## CHEM Chemistry (Life Sciences)

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CHEM001 Introduction to College Chemistry; Grade Method: REG/P-F/AUD; The notation 2 credits is used only for billing and full-time or part-time status. This course does not carry any credit toward any degree at the University. A special fee is required. If dropping course see: Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — 2 credits

| | | | |
|---|---|---|---|
| 1105 | MW.....4:00pm- 4:50pm (CHM 1407) | | STAFF |
| | Th.....1:00pm- 1:50pm (ARM 0118) | DIS | |
| 1106 | MW.....4:00pm- 4:50pm (CHM 1407) | | STAFF |
| | Th.....2:00pm- 2:50pm (ARM 0120) | DIS | |

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

| | | | |
|---|---|---|---|
| 3117 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | M.....3:00pm- 5:50pm (CHM 1105) | LAB | |
| | M.....8:00am- 8:50am (ARM 0101) | DIS | |
| 3127 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | Tu.....3:00pm- 5:50pm (CHM 1105) | LAB | |
| | M.....8:00am- 8:50am (CHM 0124) | DIS | |
| 3128 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | Tu.....3:00pm- 5:50pm (CHM 1106) | LAB | |
| | M.....8:00am- 8:50am (CHE 2118) | DIS | |
| 3134 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | W.....12:00pm- 2:50pm (CHM 1105) | LAB | |
| | M.....8:00am- 8:50am (CHE 2140) | DIS | |
| 3135 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | W.....12:00pm- 2:50pm (CHM 1106) | LAB | |
| | M.....8:00am- 8:50am (CHE 2120) | DIS | |
| 3137 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | W.....3:00pm- 5:50pm (CHM 1105) | LAB | |
| | W.....8:00am- 8:50am (ARM 0101) | DIS | |
| 3144 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | Th.....12:00pm- 2:50pm (CHM 1105) | LAB | |
| | W.....8:00am- 8:50am (CHM 0124) | DIS | |
| 3145 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | Th.....12:00pm- 2:50pm (CHM 1106) | LAB | |
| | W.....8:00am- 8:50am (CHE 2118) | DIS | |
| 3151 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | F.....8:00am-10:50am (CHM 1105) | LAB | |
| | W.....8:00am- 8:50am (CHE 2140) | DIS | |
| 3152 | TuTh.....8:00am- 9:15am (CHM 1407) | | McNesby, J |
| | F.....8:00am-10:50am (CHM 1106) | LAB | |
| | W.....8:00am- 8:50am (CHE 2120) | DIS | |
| 3221 | TuTh.....11:00am-12:15pm (CHM 1407) | | Grim, S |
| | Tu.....8:00am-10:50am (CHM 1109) | LAB | |
| | M.....8:00am- 8:50am (CHM 0128) | DIS | |
| 3222 | TuTh.....11:00am-12:15pm (CHM 1407) | | Grim, S |
| | Tu.....8:00am-10:50am (CHM 1110) | LAB | |
| | M.....8:00am- 8:50am (ARM 0103) | DIS | |
| 3227 | TuTh.....11:00am-12:15pm (CHM 1407) | | Grim, S |
| | Tu.....3:00pm- 5:50pm (CHM 1109) | LAB | |
| | M.....8:00am- 8:50am (MTH 0107) | DIS | |
| 3228 | TuTh.....11:00am-12:15pm (CHM 1407) | | Grim, S |
| | Tu.....3:00pm- 5:50pm (CHM 1110) | LAB | |
| | M.....8:00am- 8:50am (CHE 2116) | DIS | |

3237 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
W.....3:00pm- 5:50pm (CHM 1109) LAB
M.....8:00am- 8:50am (ARM 0104) DIS
3238 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
W.....3:00pm- 5:50pm (CHM 1110) LAB
M.....8:00am- 8:50am (HBK 1108) DIS
3241 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
Th.....8:00am-10:50am (CHM 1109) LAB
W.....8:00am- 8:50am (CHM 0128) DIS
3242 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
Th.....8:00am-10:50am (CHM 1110) LAB
W.....8:00am- 8:50am (ARM 0121) DIS
3247 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
Th.....3:00pm- 5:50pm (CHM 1109) LAB
W.....8:00am- 8:50am (MTH 0107) DIS
3248 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
Th.....3:00pm- 5:50pm (CHM 1110) LAB
W.....8:00am- 8:50am (ARM 0104) DIS
3251 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
F.....8:00am-10:50am (CHM 1109) LAB
W.....8:00am- 8:50am (ARM 0105) DIS
3252 TuTh.....11:00am-12:15pm (CHM 1407) Grim, S
F.....8:00am-10:50am (CHM 1110) LAB
W.....8:00am- 8:50am (ARM 0103) DIS
3311 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
M.....8:00am-10:50am (CHM 1105) LAB
M.....3:00pm- 3:50pm (ARM 0101) DIS
3314 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
M.....12:00pm- 2:50pm (CHM 1105) LAB
M.....3:00pm- 3:50pm (CHM 0124) DIS
3315 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
M.....12:00pm- 2:50pm (CHM 1106) LAB
M.....3:00pm- 3:50pm (CHE 2118) DIS
3321 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Tu.....8:00am-10:50am (CHM 1105) LAB
M.....3:00pm- 3:50pm (CHM 0128) DIS
3322 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Tu.....8:00am-10:50am (CHM 1106) LAB
M.....3:00pm- 3:50pm (CHM 0127) DIS
3331 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
W.....8:00am-10:50am (CHM 1105) LAB
W.....3:00pm- 3:50pm (ARM 0101) DIS
3341 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Th.....8:00am-10:50am (CHM 1105) LAB
W.....3:00pm- 3:50pm (CHM 0124) DIS
3342 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
Th.....8:00am-10:50am (CHM 1106) LAB
W.....3:00pm- 3:50pm (CHE 2118) DIS
3354 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
F.....12:00pm- 2:50pm (CHM 1109) LAB
W.....3:00pm- 3:50pm (CHM 0128) DIS
3355 TuTh.....12:30pm- 1:45pm (CHM 1407) STAFF
F.....12:00pm- 2:50pm (CHM 1110) LAB
W.....3:00pm- 3:50pm (HBK 0125) DIS

CHEM104 Fundamentals of Organic and Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; This course is intended for students in curricula requiring only one semester of organic chemistry. It is not appropriate for those requiring two semesters; such students should take CHEM 233 or, if eligible, CHEM 235, after completion of CHEM 113 (or CHEM 115). 4 credits
5114 MWF.....9:00am- 9:50am (ARM 0126) STAFF
M.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (MTH 0301) DIS
5124 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Tu.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (CHE 2120) DIS
5134 MWF.....9:00am- 9:50am (ARM 0126) STAFF
W.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (CHM 0124) DIS
5135 MWF.....9:00am- 9:50am (ARM 0126) STAFF
W.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (JUL 1105) DIS
5137 MWF.....9:00am- 9:50am (ARM 0126) STAFF
W.....3:00pm- 5:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (ZOP 1234) DIS
5141 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Th.....8:00am-10:50am (CHM 1212) LAB
Tu.....9:00am- 9:50am (EGR 0135) DIS
5142 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Th.....8:00am-10:50am (CHM 1215) LAB
Tu.....9:00am- 9:50am (ZOP 1232) DIS
5144 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Th.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....9:00am- 9:50am (EGR 3108) DIS

CHEM111 Chemistry in Modern Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
6114 TuTh.....2:00pm- 2:50pm (CHM 1407) Adler, I
M.....12:00pm- 1:50pm (CHM 1228) LAB
6117 TuTh.....2:00pm- 2:50pm (CHM 1407) Adler, I
M.....2:00pm- 3:50pm (CHM 1228) LAB
6124 TuTh.....2:00pm- 2:50pm (CHM 1407) Adler, I
Tu.....12:00pm- 1:50pm (CHM 1228) LAB
6137 TuTh.....2:00pm- 2:50pm (CHM 1407) Adler, I
W.....2:00pm- 3:50pm (CHM 1228) LAB

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
4114 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
M.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....8:00am- 8:50am (ARM 0121) DIS
4117 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
M.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....8:00am- 8:50am (CHE 2116) DIS
4127 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
Tu.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....8:00am- 8:50am (ARM 0101) DIS
4134 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
W.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....9:00am- 9:50am (ARM 0121) DIS
4137 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
W.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....9:00am- 9:50am (CHE 2116) DIS
4141 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
Th.....8:00am-10:50am (CHM 1119) LAB
Tu.....9:00am- 9:50am (MTH 0103) DIS
4142 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
Th.....8:00am-10:50am (CHM 1128) LAB
Tu.....9:00am- 9:50am (ARM 0104) DIS
4147 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
Th.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....9:00am- 9:50am (ARM 0101) DIS
4154 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
F.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....8:00am- 8:50am (ARM 0104) DIS
4155 MWF.....8:00am- 8:50am (CHM 1407) Munn, R
F.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....8:00am- 8:50am (EGR 3102) DIS
4214 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
M.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (ARM 0121) DIS
4217 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
M.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....8:00am- 8:50am (ARM 0101) DIS
4221 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
Tu.....8:00am-10:50am (CHM 1111) LAB
Th.....8:00am- 8:50am (ARM 0103) DIS
4222 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
Tu.....8:00am-10:50am (CHM 1119) LAB
Th.....8:00am- 8:50am (ARM 0104) DIS
4224 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
Tu.....12:00pm- 2:50pm (CHM 1122) LAB
Th.....8:00am- 8:50am (CHE 2120) DIS
4227 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
Tu.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (JUL 1105) DIS
4237 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
W.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (ARM 0101) DIS
4244 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
Th.....12:00pm- 2:50pm (CHM 1122) LAB
Th.....9:00am- 9:50am (MTH 0103) DIS
4247 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
Th.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (ARM 0104) DIS
4254 MWF.....10:00am-10:50am (CHM 1407) Heikkinen, H
F.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (ARM 0121) DIS
4311 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
M.....8:00am-10:50am (CHM 1111) LAB
Tu.....10:00am-10:50am (JUL 1105) DIS
4314 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
M.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....10:00am-10:50am (ARM 0121) DIS
4324 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
Tu.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....10:00am-10:50am (CHE 2116) DIS
4331 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
W.....8:00am-10:50am (CHM 1111) LAB
Tu.....11:00am-11:50am (ZOP 1234) DIS
4334 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
W.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....11:00am-11:50am (EGR 3102) DIS
4335 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
W.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....11:00am-11:50am (CHE 2120) DIS
4337 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
W.....3:00pm- 5:50pm (CHM 1128) LAB
Tu.....11:00am-11:50am (COL 0104) DIS
4341 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
Th.....8:00am-10:50am (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2116) DIS
4342 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
Th.....8:00am-10:50am (CHM 1112) LAB
Tu.....11:00am-11:50am (CHM 0127) DIS
4344 MWF.....11:00am-11:50am (CHM 1407) Weiner, J
Th.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....10:00am-10:50am (CHM 0127) DIS
4411 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
M.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (COL 3111) DIS
4417 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
M.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (EGR 1102) DIS
4421 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (CHE 2116) DIS
4422 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....8:00am-10:50am (CHM 1128) LAB
Th.....9:00am- 9:50am (JMZ 2125) DIS
4424 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (JMZ 2120) DIS
4427 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....3:00pm- 5:50pm (CHM 1128) LAB
Th.....10:00am-10:50am (ARM 0121) DIS
4428 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....10:00am-10:50am (ARM 0104) DIS
4431 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
W.....8:00am-10:50am (CHM 1112) LAB
Th.....10:00am-10:50am (EGR 1102) DIS
4437 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
W.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....10:00am-10:50am (ARM 0101) DIS
4444 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....10:00am-10:50am (CHE 2118) DIS
4511 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1119) LAB
Tu.....1:00pm- 1:50pm (ARM 0103) DIS
4517 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (MTH 0401) DIS
4521 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (CHE 2136) DIS
4527 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (EGR 1110) DIS
4537 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....2:00pm- 2:50pm (EGR 1110) DIS
4541 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1208) LAB
Tu.....2:00pm- 2:50pm (CHM 2201) DIS
4544 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....2:00pm- 2:50pm (EGR 3111) DIS
4545 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1119) LAB
Tu.....2:00pm- 2:50pm (ARM 0120) DIS
4547 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (EGR 3114) DIS
4551 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
F.....8:00am-10:50am (CHM 1119) LAB
Tu.....2:00pm- 2:50pm (ARM 0103) DIS
4617 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
M.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....1:00pm- 1:50pm (CHE 2118) DIS
4624 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....1:00pm- 1:50pm (CHM 2201) DIS
4625 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....12:00pm- 2:50pm (CHM 1119) LAB
Th.....1:00pm- 1:50pm (EGR 3102) DIS
4627 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....2:00pm- 2:50pm (CHE 2120) DIS
4637 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
W.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....2:00pm- 2:50pm (CHM 2201) DIS
4647 MWF.....2:00pm- 2:50pm (CHM 1407) Freeman, D
Th.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....2:00pm- 2:50pm (EGR 0104) DIS

CHEM115 (PermReq) Principles of General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Limited enrollment. Preference given to students with grade of A or B in CHEM 105 or A in CHEM 103. This course is a more rigorous "upper track" version of CHEM 113. 4 credits
0614 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
M.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (CHM 0119) DIS
0617 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
M.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (ZOP 1232) DIS
0621 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
Tu.....8:00am-10:50am (CHM 1233) LAB
Th.....9:00am- 9:50am (CHM 0124) DIS
0624 MWF.....10:00am-10:50am (CHM 1402) Bellama, J
Tu.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (JMZ 1226) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD; 4 credits
7114 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
M.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHE 2116) DIS
7117 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
M.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHM 0127) DIS
7118 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
M.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (CHM 0122) DIS
7121 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
Tu.....8:00am-10:50am (CHM 1216) LAB
Tu.....12:00pm-12:50pm (ZOP 1228) DIS
7134 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
W.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHM 0122) DIS
7137 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
W.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (ARM 0101) DIS
7138 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
W.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
7141 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
Th.....8:00am-10:50am (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (HBK 1112) DIS
7144 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
Th.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (ZOP 1232) DIS
7147 MWF.....9:00am- 9:50am (CHM 1407) Ammon, H
Th.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (EGR 3110) DIS

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD; 4 credits
8114 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
M.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2116) DIS
8115 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
M.....12:00pm- 2:50pm (CHM 1227) LAB
Th.....12:00pm-12:50pm (EGR 0135) DIS
8121 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (JUL 1105) DIS
8122 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....8:00am-10:50am (CHM 1227) LAB
Th.....12:00pm-12:50pm (CHM 2201) DIS
8124 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHM 0122) DIS
8125 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....12:00pm- 2:50pm (CHM 1227) LAB
Th.....12:00pm-12:50pm (CHE 2120) DIS
8132 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....8:00am-10:50am (CHM 1227) LAB
Th.....12:00pm-12:50pm (CHM 0127) DIS
8134 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHE 2136) DIS
8135 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....12:00pm- 2:50pm (CHM 1227) LAB
Th.....1:00pm- 1:50pm (HBK 1112) DIS
8141 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (JUL 1105) DIS
8142 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....8:00am-10:50am (CHM 1227) LAB
Th.....1:00pm- 1:50pm (CHE 2120) DIS
8147 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....3:00pm- 5:50pm (CHM 1227) LAB
Th.....1:00pm- 1:50pm (CHM 0122) DIS
8148 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....3:00pm- 5:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHE 2116) DIS

8151 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
F.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHM 0127) DIS

CHEM245 (PermReq) Principles of Organic Chemistry II; Grade Method: REG/P-F/AUD; Limited enrollment, Preference given to students with grade of A or B in CHEM 235 or A in CHEM 233. This course is a more rigorous "upper track" version of CHEM 243. 4 credits
0841 MWF.....3:00pm- 3:50pm (CHM 1402) Kozarich, J
Th.....8:00am-10:50am (CHM 1233) LAB
Th.....12:00pm-12:50pm (ZOP 1232) DIS
0847 MWF.....3:00pm- 3:50pm (CHM 1402) Kozarich, J
Th.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....1:00pm- 1:50pm (ARM 0101) DIS

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD; 4 credits
0114 MW.....11:00am-11:50am (CHM 1402) Kasler, F
MW.....1:00pm- 3:50pm (CHM 3226) LAB
0124 MW.....11:00am-11:50am (CHM 1402) Kasler, F
TuTh.....12:00pm- 2:50pm (CHM 3226) LAB

CHEM374 Technology, Energy and Risk; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (CHM 2201) Gordon, G

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Freeman. 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Freeman. 1-2 credits

CHEM421 Advanced Quantitative Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (CHM 0128) O'Haver, T

CHEM425 (PermReq) Instrumental Methods of Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....8:00am- 8:50am (CHM 0128) Ondov, J
TuTh.....9:00am-11:50am (CHM 3205) LAB
0102 Tu.....8:00am- 8:50am (CHM 0128) Ondov, J
TuTh.....1:00pm- 3:40pm (CHM 3205) LAB

CHEM441 Advanced Organic Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 2201) Henery-Logan, K

CHEM443 Qualitative Organic Analysis; Grade Method: REG/P-F/AUD; Students must have at least two 3-hour blocks of time available during laboratory open hours of 1-4.30 Tu,W,TH and 9-12 TH. 3 credits
0101 Tu.....11:00am-11:50am (CHM 2201) Herndon, J
TBA (CHM 2117) LAB

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 1402) Alexander, M
0201 MWF.....11:00am-11:50am (CHM 0115) Khanna, R

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....9:00am- 9:50am (CHM 0115) Castellan, G
0301 MWF.....10:00am-10:50am (CHM 0115) STAFF

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD; Rooms for second lab times are to be arranged for all sections. 2 credits
0101 M.....1:00pm- 1:50pm (CHM 1402) LAB Miller, G
M.....2:00pm- 4:50pm (Arranged) LAB
0102 Tu.....1:00pm- 1:50pm (CHM 0127) LAB Miller, G
Tu.....2:00pm- 4:50pm (Arranged) LAB
0103 W.....1:00pm- 1:50pm (CHM 1402) LAB Miller, G
W.....2:00pm- 4:50pm (Arranged) LAB

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD; Rooms for second lab times are to be arranged for all sections. 2 credits
0101 Tu.....1:00pm- 1:50pm (CHM 2201) LAB Miller, G
Tu.....2:00pm- 4:50pm (Arranged) LAB
0102 W.....2:00pm- 4:50pm (Arranged) LAB Miller, G
W.....1:00pm- 1:50pm (CHM 2201) LAB

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; 4 credits
0111 MWF.....2:00pm- 2:50pm (CHM 0115) STAFF
M.....3:00pm- 5:50pm (Arranged) LAB
0121 MWF.....2:00pm- 2:50pm (CHM 0115) STAFF
Tu.....1:00pm- 3:50pm (Arranged) LAB
0131 MWF.....2:00pm- 2:50pm (CHM 0115) STAFF
W.....3:00pm- 5:50pm (Arranged) LAB
0141 MWF.....2:00pm- 2:50pm (CHM 0115) STAFF
Th.....1:00pm- 3:50pm (Arranged) LAB

CHEM498B Special Topics in Chemistry: The Periodic Table: S and P Block Elements; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0128) Boyd Jr., A

CHEM808 Selected Topics in Inorganic Chemistry: Electronegativity; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Huheey, J

CHEM823 Optical Methods of Quantitative Analysis; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHM 0124) STAFF

CHEM848A Special Topics in Organic Chemistry: Spectral Methods; Grade Method: REG/AUD; 1-3 credits
0101 MW.....8:00am- 8:50am (CHM 2201) Jarvis, B

CHEM848B Special Topics in Organic Chemistry: Synthetic Organic Chemistry; Grade Method: REG/AUD; 1-3 credits
0101 MWF.....10:00am-10:50am (CHM 0128) Deshong, P

CHEM848C Special Topics in Organic Chemistry: Problem Solving in Organic Synthesis; Grade Method: REG/AUD; 1-3 credits
0101 F.....8:00am- 8:50am (CHM 2201) Jarvis, B

CHEM848D Special Topics in Organic Chemistry: Mechanistic Approach to Organic Synthesis; Grade Method: REG/AUD; 2 credits
0101 MW.....9:00am- 9:50am (CHM 0124) Mariano, P

CHEM848E Special Topics in Organic Chemistry: Advanced NMR; Grade Method: REG/AUD; 2 credits
0101 W.....4:00pm- 6:00pm (CHM 0124) Mazzola, E

CHEM687 Statistical Mechanics and Chemistry; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 2201) Sengers, J

CHEM691 Quantum Chemistry II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0128) Moore, J

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. 1-6 credits

CHEM705 Nuclear Chemistry; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0124) Mignerey, A

CHEM723 Marine Geochemistry; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 5:15pm (CHM 0124) Helz, G

CHEM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental Chemistry; Grade Method: REG/AUD; 1 credit
0101 F.....3:00pm- 5:00pm (CHM 0127) Kasler, F

CHEM898C Seminar: Inorganic Chemistry; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 6:00pm (Arranged) STAFF

CHEM898D Seminar: Organic Chemistry; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 6:00pm (CHM 0115) Deshong, P

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1221) Alexander, M

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD; 1 credit

0101 W.....,4:00pm- 6:00pm (CHM 1221) Alexander, M

CHEM898G Seminar: Polymers; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Bailey, W

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Jarvis, B

CHEM898K Seminar: Photochemistry Mechanics; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor.Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Grim, S

CHEM898O Seminar: Natural Water Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (CHM 0128) Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Reaction Mechanisms; Grade Method: REG/AUD; Prerequisite: Consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Kozarich, J

CHEM898R Seminar: Inorganic Environmental Chemistry; Grade Method: REG/AUD; Prerequisite: Consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged DIS Bellama, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## CHIN Chinese (Arts and Humanities)

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CHIN102 Elementary Spoken Chinese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1124) Chin, T
0201 MWF.....1:00pm- 1:50pm (JMZ 2117) Hong, J

CHIN103 Elementary Written Chinese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0202) Sargent, S
0201 MWF.....2:00pm- 2:50pm (JMZ 0120) Lin, C

CHIN203 Intermediate Spoken Chinese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1123) Chin, T

CHIN204 Intermediate Written Chinese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1124) Hong, J

CHIN302 Advanced Chinese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) Shen, H

CHIN304 Business Chinese II; Grade Method: REG/P-F/AUD; Prerequisite: Completion of CHIN 303. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1124) Shen, H

CHIN314 Chinese Fiction and Drama in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Sargent, S

CHIN388B Topics in Chinese Literature in Translation: Chinese Calligraphy: Theory and Practice; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 5:30pm (ASY 3304) Chin, T

CHIN402 Readings in Modern Chinese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1123) Shen, H

CHIN404 Classical Chinese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 1123) Sargent, S

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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## CHPH Chemical Physics (Comp, Math, & Phys Sci)

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CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1221) Alexander, M

CHPH709B Seminar in Chemical Physics: Statistical Physics; Grade Method: REG/AUD; 1 credit
0101 Tu.....12:00pm-12:50pm (IPT 1115) Sengers, J

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHPH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## CJUS Institute of Criminal Justice and Criminolog Social Sci) (Behavior +

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CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2205) Patterson, L
0201 TuTh.....9:30am-10:45am (CHM 0115) Verchot, J
0301 TuTh.....12:30pm- 1:45pm (JMZ 0220) Gartin, P
0401 MWF.....12:00pm-12:50pm (SHM 2102) Patterson, L
0501 MWF.....2:00pm- 2:50pm (LEF 2166) Gartin, P

CJUS220 Investigation in Law Enforcement; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1202) Wolman, B

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1202) Wolman, B

CJUS234 Criminal Procedure and Evidence; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 230. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0112) Ingraham, B

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisites: LENF 100, CRIM 220 and one of the following; SOCY 201, PSYC 200, ECON 421, EDMS 451 or GVPT 422. 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0124) Brooks, L
0201 TuTh.....2:00pm- 3:15pm (TLF 0124) Brooks, L

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD; Prerequisite: LENF 220. 3 credits
0101 TuTh.....6:00pm- 7:15pm (LEF 0208) Mauriello, T
0201 TuTh.....7:30pm- 8:45pm (LEF 0208) Mauriello, T

CJUS330 Contemporary Legal Policy Issues; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prequisite: LENF 230 and or 234 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (TLF 0124) Ingraham, B

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD; Prerequisite: LENF 100 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2166) Uchida, C

CJUS350 Law Enforcement-Community Relations; Grade Method: REG/P-F/AUD; Prerequisite: LENF 100 or equivalent. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1101) Katzenelson, S

CJUS360 Industrial and Retail Security Administration; Grade Method: REG/P-F/AUD; Prerequisite: LENF 100, 220 or consent of instructor. 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 2166) STAFF

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1986; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug. 1986, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Research in Criminal Justice; Grade Method: REG; For honor students only. Consent of instructor. Repeatable to maximum of 6 credits. 3 credits
0101 W.....3:00pm- 4:00pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:00pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. For Honors students only. 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. 1-3 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. 1-3 credits

CJUS699 (PermReq) Special Problems in Criminal Justice; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CJUS720 Criminal Justice System Planning; Grade Method: REG; Prerequisites: one course in Criminal Justice, one course in research methodology. 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1201) STAFF

CJUS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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## CLAS Classics (Arts and Humanities)

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CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SHM 2102) Duffy, J
0201 MWF.....10:00am-10:50am (SHM 2102) Luksenburg, L
0301 MWF.....1:00pm- 1:50pm (KEY 0106) STAFF

CLAS290 Greek and Latin Medical Terminology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0105) Hubbe, R

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (COL 3112) Luksenburg, L

CLAS374 Greek Tragedy in Translation; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (COL 0102) Luksenburg, L

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....10:00am-10:50am (HZF 1101) Lee, H
0201 MWF.....1:00pm- 1:50pm (JRN 1105) Lee, H

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## CMLT Comparative Literature (Arts and Humanities)

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CMLT416 New Testament As Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JRN 1105) Dungey, k

CMLT498B Selected Topics in Comparative Literature: Women Writers and Modernism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1109) Peterson, C

CMLT498E Selected Topics in Comparative Literature: The Modern Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2126) Kleine, D

CMLT498F Selected Topics in Comparative Literature: Literary Criticism; Grade Method: REG; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2110) STAFF
0301 TuTh.....2:00pm- 3:15pm (TLF 2108) Trousdale, M

CMLT498L Selected Topics in Comparative Literature: Modern Hebrew Literature; Grade Method: REG/P-F/AUD; In Hebrew. 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 2122) Mintz, A

CMLT498N Selected Topics in Comparative Literature: Quijote; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1125) Zappala, M

CMLT498P Selected Topics in Comparative Literature: Afro-American Women: Art and Culture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) Joyce, J

CMLT498Q Selected Topics in Comparative Literature: Medieval Literary Modes and Modern Narrative; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (KEY 0125) Flieger, V

CMLT679A Seminar in Modern and Contemporary Literature: Cabaret; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (TWS 1123) Bentley, E

CMLT679B Seminar in Modern and Contemporary Literature: Cinema and Literature; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (JMZ 4223) Lifton, M
Time and room to be arranged LAB

CMLT679C Seminar in Modern and Contemporary Literature: Sociology and Literary Theory; Grade Method: REG; 3 credits
0101 M.....4:30pm- 6:30pm (JMZ 2102) Heyndels, R
Time and room to be arranged

CMLT679D Seminar in Modern and Contemporary Literature: Modern Drama; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0135) Freedman, M
Time and room to be arranged LAB

CMLT679E Seminar in Modern and Contemporary Literature: Feminist Literary Criticism and Practice; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (JMZ 4223) Peterson, C
Time and room to be arranged DIS

CMLT679J Seminar in Modern and Contemporary Literature: Modern Poetry and the Visual Arts; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 0135) Loizeaux, E
Time and room to be arranged DIS

CMLT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## CMSC Computer Science (Comp, Math, & Phys Sci)

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CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (CSS 2324) Mallory, R
0201 MWF.....2:00pm- 2:50pm (CSS 2324) Mallory, R

CMSC103L (PermReq) Introduction to Computing; Grade Method: REG/P-F/AUD; Restricted to liberal arts in business students. Permission of Arts and Humanities Dean. 3 credits
0101 MW.....2:00pm- 3:30pm (Arranged) Austing, R

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD; Computer science majors should take CMSC 112. MATH 140 or 220 is co-requisite. 4 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0111) Williams, J
WF.....2:00pm- 2:50pm (CLB 0109) DIS
0102 TuTh.....2:00pm- 3:15pm (CLB 0111) Williams, J
WF.....3:00pm- 3:50pm (CLB 0109) DIS
0103 TuTh.....2:00pm- 3:15pm (CLB 0111) Williams, J
WF.....2:00pm- 2:50pm (CSS 2352) DIS
0104 TuTh.....2:00pm- 3:15pm (CLB 0111) Williams, J
WF.....3:00pm- 3:50pm (CSS 2352) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD; First course for majors. MATH 140 is co-requisite. 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2324) Kowalchack, B
WF.....1:00pm- 1:50pm (CSS 2352) DIS
0102 TuTh.....9:30am-10:45am (CSS 2324) Kowalchack, B
WF.....1:00pm- 1:50pm (CSS 2330) DIS
0103 TuTh.....9:30am-10:45am (CSS 2324) Kowalchack, B
WF.....2:00pm- 2:50pm (CSS 2330) DIS
0104 TuTh.....9:30am-10:45am (CSS 2324) Kowalchack, B
WF.....3:00pm- 3:50pm (CSS 2330) DIS
0201 TuTh.....12:30pm- 1:45pm (CSS 2324) Kowalchack, B
WF.....10:00am-10:50am (CSS 2352) DIS
0202 TuTh.....12:30pm- 1:45pm (CSS 2324) Kowalchack, B
WF.....9:00am- 9:50am (CSS 2330) DIS
0203 TuTh.....12:30pm- 1:45pm (CSS 2324) Kowalchack, B
WF.....11:00am-11:50am (CSS 2352) DIS
0204 TuTh.....12:30pm- 1:45pm (CSS 2324) Kowalchack, B
WF.....10:00am-10:50am (CSS 2330) DIS
0205 TuTh.....12:30pm- 1:45pm (CSS 2324) Kowalchack, B
WF.....12:00pm-12:50pm (CSS 2352) DIS

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD; MATH 141 is co-requisite. 4 credits
0101 TuTh.....11:00am-12:15pm (CSS 2324) Mallory, R
MW.....9:00am- 9:50am (CLB 0102) DIS
0102 TuTh.....11:00am-12:15pm (CSS 2324) Mallory, R
MW.....10:00am-10:50am (CLB 0102) DIS
0103 TuTh.....11:00am-12:15pm (CSS 2324) Mallory, R
MW.....2:00pm- 2:50pm (CLB 0102) DIS
0104 TuTh.....11:00am-12:15pm (CSS 2324) Mallory, R
MW.....10:00am-10:50am (CLB 0104) DIS
0105 TuTh.....11:00am-12:15pm (CSS 2324) Mallory, R
MW.....11:00am-11:50am (CLB 0109) DIS
0201 TuTh.....2:00pm- 3:15pm (CSS 2324) Mallory, R
MW.....11:00am-11:50am (CLB 0102) DIS
0202 TuTh.....2:00pm- 3:15pm (CSS 2324) Mallory, R
MW.....12:00pm-12:50pm (CLB 0102) DIS
0203 TuTh.....2:00pm- 3:15pm (CSS 2324) Mallory, R
MW.....3:00pm- 3:50pm (CLB 0102) DIS
0204 TuTh.....2:00pm- 3:15pm (CSS 2324) Mallory, R
MW.....1:00pm- 1:50pm (CLB 0104) DIS
0205 TuTh.....2:00pm- 3:15pm (CSS 2324) Mallory, R
MW.....1:00pm- 1:50pm (CLB 0109) DIS

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 2330) Williams, J
WF.....9:00am- 9:50am (CLB 0109) DIS

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 1402) Park, C
MW.....8:00am- 8:50am (CSS 2352) LAB
0102 TuTh.....2:00pm- 3:15pm (CHM 1402) Park, C
MW.....8:00am- 8:50am (CSS 2330) LAB
0103 TuTh.....2:00pm- 3:15pm (CHM 1402) Park, C
MW.....9:00am- 9:50am (CSS 2352) LAB
0104 TuTh.....2:00pm- 3:15pm (CHM 1402) Park, C
MW.....9:00am- 9:50am (CLB 0104) LAB

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CLB 0111) Eastman, R

CMSC250 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Perlis, D
0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Austing, R
0301 MWF.....11:00am-11:50am (CLB 0104) Atchison, W

CMSC311 (PermReq) Computer Organization; Grade Method: REG/P-F; 3 credits
0101 MW.....5:15pm- 6:30pm (CLB 0111) Preston, D

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG/P-F; 3 credits
0101 TuTh.....3:30pm- 4:20pm (CLB 0111) Furuta, R
M.....3:00pm- 3:50pm (CLB 0109) DIS
0102 TuTh.....3:30pm- 4:20pm (CLB 0111) Furuta, R
M.....3:00pm- 3:50pm (CSS 2330) DIS
0103 TuTh.....3:30pm- 4:20pm (CLB 0111) Furuta, R
M.....1:00pm- 1:50pm (CSS 2352) DIS
0104 TuTh.....3:30pm- 4:20pm (CLB 0111) Furuta, R
M.....1:00pm- 1:50pm (CSS 2330) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

CMSC411 (PermReq) Computer System Architecture; Grade Method: REG/P-F; 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0104) Berkowitz, M
0201 TuTh.....3:30pm- 4:45pm (CSS 2324) Park, C
0301 TuTh.....4:30pm- 5:45pm (CSS 2352) Schultz, M
0401 TuTh.....2:00pm- 3:15pm (CLB 0102) STAFF

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F; 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0102) STAFF
0201 TuTh.....12:30pm- 1:45pm (CLB 0109) Shankar, A

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) STAFF

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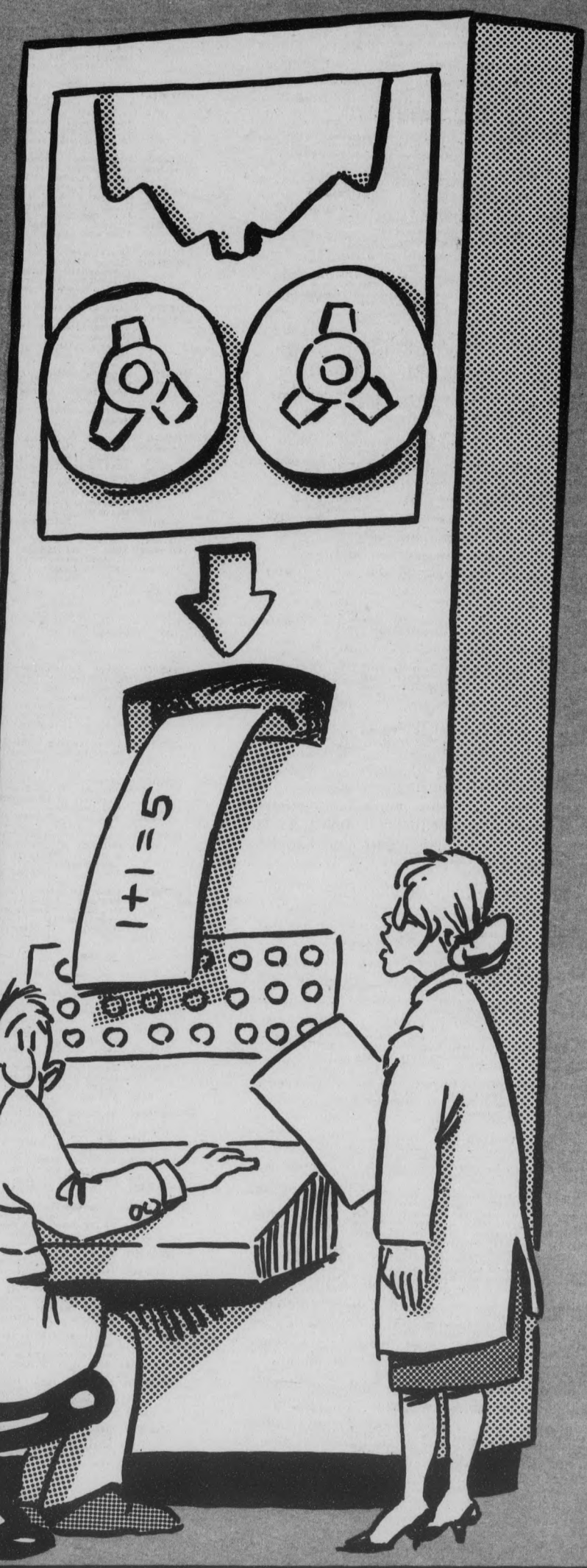

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## ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
008 Annapolis Hall (Dorm) C-4
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg. F-3
092 Asphalt Institute H-6
016 Baltimore Hall (Dorm) D-3
039 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
091 Biochemistry/Chemistry Bldg. G-5
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
250 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry/Biochemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. G-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
250 Conferences and Institutes (Center of Adult Education)
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
093 Engineering Research Bldg. H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
223 Heavy Research Bldg. H-6
002 Harrison Lab E-6
140 Health Center G-3
026 Hill Dining Hall E-3
074 Holzapfel Hall F-4
027 Home Management House C-4
147 Hornbake Undergraduate Library G.4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
038 Le Frak Hall (Social Sciences) E-3
259 LaPlata Hall (Dorm) J-4
201 Leonardtown Community Bldg. (Employment Office) B-6
238 Leonardtown Modular Residences B-6
260 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
088 Martin Engineering Classroom Bldg. G-5
089 Martin Engineering Labs G-6
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
052 North Administration Bldg. F-5
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
008 Photographic Services (Annapolis Hall) C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
188 Poultry Lab, East I-4
054 Preinkert Field House F-3
164 President's House I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
006 Safety Offices, Plant Maintenance Shops E-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170 Sorority Houses B-5
071 South Administration Bldg. and Graduate School E-4
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Student Union (Adele H. Stamp Union) G-4
232 Surge Facility G-4
094 Surplus Property (Md. State Agency for) H-6
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
334 Relocatable Building North A I-6
335 Relocatable Building North B I-6
336 Relocatable Building North C I-6
337 Relocatable Building North D I-6
339 Relocatable Building North E I-6
340 Relocatable Building North F I-6
341 Relocatable Building North G I-6
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
250 University College (Center of Adult Ed.) G-2
286 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

## SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

| CODE | BUILDING | LOCATION | NUM. |
|---|---|---|---|
| ASA | Animal Sciences Annex | I-6 | 104 |
| ANS | Animal Sciences Bldg | H-5 | 142 |
| ALB | Astronomy Laboratory Bldg | MET | 219 |
| API | Apiary | J-3 | 156 |
| ARC | Architecture Bldg. | F-2 | 145 |
| ARM | Armory (Reckord) | E-5 | 078 |
| ASY | Art-Sociology Bldg. | F-3 | 146 |
| BEB | Beef Barn | I-5 | 110 |
| BRD | Byrd Stadium | I-3 | 160 |
| CHE | Chemical Engineering Bldg | H-5 | 090 |
| CHM | Chemistry/Biochemistry Bldg. | G-5 | 091 |
| CLB | Classroom Bldg. | G-6 | 106 |
| COL | Cole Student Activities Bldg | G-3 | 162 |
| CSS | Computer and Space Sciences Bldg. | I-4 | 224 |
| DSA | Dairy Science Annex & Large Animal Classroom | I-5 | 107 |
| EDA | Education Annex | E-3 | 066 |
| EDU | Education (Benjamin) | G-3 | 143 |
| EGL | Engineering Lab (Martin) | G-6 | 085 |
| EGR | Engineering Classroom (Martin) | G-5 | 088 |
| EPL | East Poultry Lab Bldg | I-4 | 188 |
| GEO | Geology Bldg. | G-4 | 237 |
| GLF | Golf Range | J-2 | 166 |
| HAR | Harrison Lab | E-6 | 002 |
| HOB | Horse Barn | I-5 | 108 |
| HBK | Hornbake Undergraduate Library | G-4 | 147 |
| HJP | H. J. Patterson | G-4 | 073 |
| HMH | Home Management House | C-4 | 027 |
| HZF | Holzapfel Hall | F-4 | 074 |
| IPT | Inst. of Physical Sciences and Technology | I-5 | 085 |
| ITV | Instructional Television Facility | G-5 | 045 |
| JMP | J. M. Patterson Hall | H-5 | 083 |
| JMZ | Jimenez Foreign Language | G-3 | 034 |
| JRN | Journalism Bldg | F-3 | 059 |
| JUL | Jull Hall | I-4 | 227 |
| KEY | Francis Scott Key Hall | E-3 | 048 |
| LAM | Lab Animal Mgt. Classroom | CRF | 783 |
| LEF | Lefrak Social Sciences | E-3 | 038 |
| MCB | Microbiology Bldg | G-4 | 231 |
| MCK | McKeldin Library | F-3 | 035 |
| MIL | Mill Bldg. | G-4 | 232 |
| MMH | Marie Mount Hall | E-4 | 046 |
| MOR | Morrill Hall | E-3 | 040 |
| MTH | Mathematics Bldg | G-5 | 084 |
| PHY | Physics Bldg | G-5 | 082 |
| PKT | Preinkert Field House | F-3 | 054 |
| PRH | Physical Education, Recreation and Health Bldg. | J-5 | 255 |
| RIT | Ritchie Coliseum | D-5 | 004 |
| SDH | South Campus Dining Hall | E-3 | 026 |
| SHB | Sheep Barn | I-5 | 109 |
| SHM | Shoemaker Building | E-3 | 037 |
| SHR | Shriver Lab | F-4 | 075 |
| SKN | Skinner Bldg | E-4 | 044 |
| SSU | Stamp Student Union | G-4 | 163 |
| SYM | Symons Hall | F-4 | 076 |
| TAA | Temporary Classroom AA | D-3 | 053 |
| TBA | To Be Arranged | | |
| TEE | Temporary Classroom EE | D-3 | 058 |
| TLF | Taliaferro Hall | E-3 | 043 |
| TUR | Turner Lab | E-5 | 079 |
| TYD | Tydings Hall | E-3 | 042 |
| TWS | Tawes Fine Arts Bldg. | G-3 | 141 |
| WDS | Woods Hall | E-4 | 047 |
| WTU | Wind Tunnel | G-6 | 081 |
| ZOP | Zoology-Psychology Bldg. | G-4 | 144 |

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Location "MET" denotes Metzerott Road Facilities.

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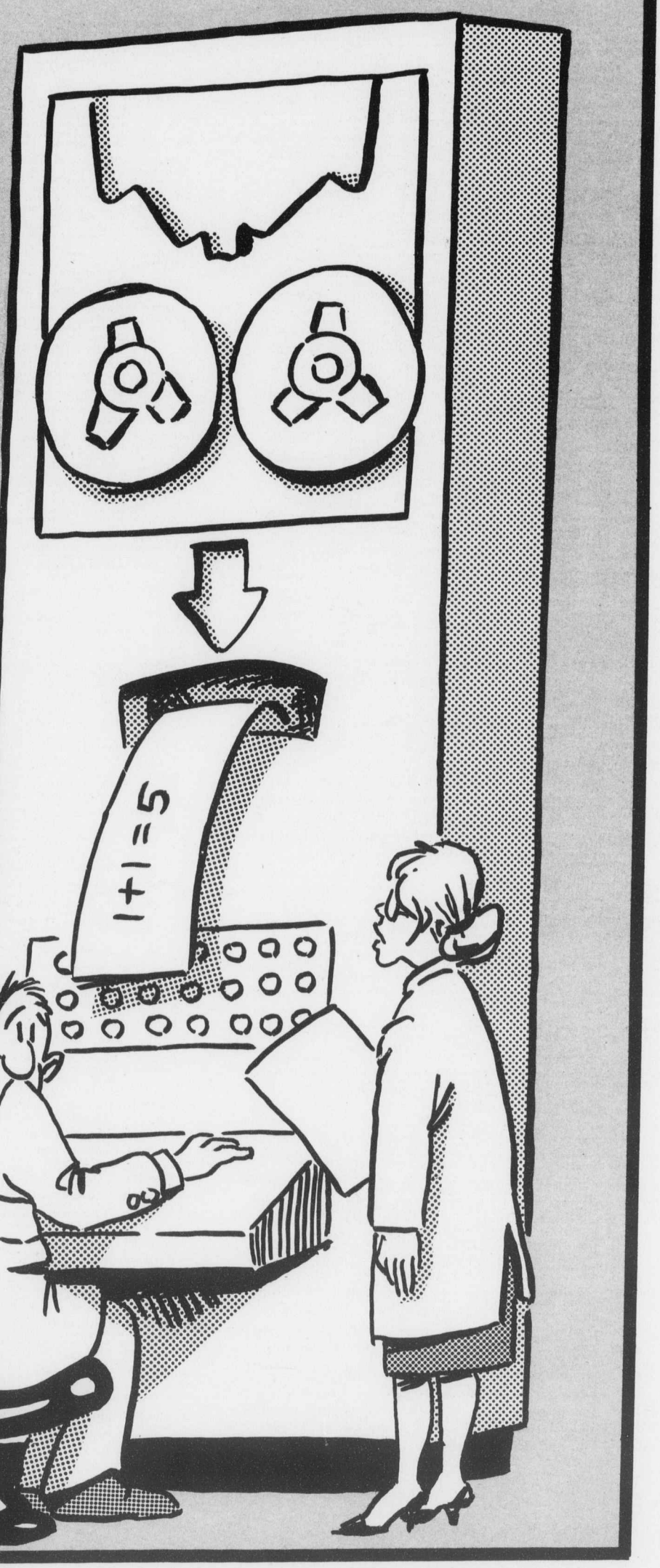

## ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
008 Annapolis Hall (Dorm) C-4
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg F-3
092 Asphalt Institute H-6
016 Baltimore Hall (Dorm) D-3
039 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
091 Biochemistry/Chemistry Bldg. G-5
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
250 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry/Biochemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. G-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
250 Conferences and Institutes (Center of Adult Education)
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
093 Engineering Research Bldg H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
223 Heavy Research Bldg. H-6
002 Harrison Lab E-6
140 Health Center G-3
026 Hill Dining Hall E-3
074 Holzapfel Hall F-4
027 Home Management House C-4
147 Hornbake Undergraduate Library G. 4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
038 Le Frak Hall (Social Sciences) E-3
259 LaPlata Hall (Dorm) J-4
201 Leonardtown Community Bldg. (Employment Office) B-6
238 Leonardtown Modular Residences B-6
260 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
088 Martin Engineering Classroom Bldg. G-5
089 Martin Engineering Labs G-6
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
052 North Administration Bldg. F-5
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
008 Photographic Services (Annapolis Hall) C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
188 Poultry Lab, East I-4
054 Preinkert Field House F-3
164 President's House I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
006 Safety Offices, Plant Maintenance Shops E-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170 Sorority Houses B-5
071 South Administration Bldg. and Graduate School E-4
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Student Union (Adele H. Stamp Union) G-4
232 Surge Facility G-4
094 Surplus Property (Md. State Agency for) H-6
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
334 Relocatable Building North A I-6
335 Relocatable Building North B I-6
336 Relocatable Building North C I-6
337 Relocatable Building North D I-6
339 Relocatable Building North E I-6
340 Relocatable Building North F I-6
341 Relocatable Building North G I-6
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
250 University College (Center of Adult Ed.) G-2
286 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

## SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

| CODE | BUILDING | LOCATION | NUM. |
|---|---|---|---|
| ASA | Animal Sciences Annex | I-6 | 104 |
| ANS | Animal Sciences Bldg | H-5 | 142 |
| ALB | Astronomy Laboratory Bldg | MET | 219 |
| API | Apiary | J-3 | 156 |
| ARC | Architecture Bldg. | F-2 | 145 |
| ARM | Armory (Reckord) | E-5 | 078 |
| ASY | Art-Sociology Bldg. | F-3 | 146 |
| BEB | Beef Barn | I-5 | 110 |
| BRD | Byrd Stadium | I-3 | 160 |
| CHE | Chemical Engineering Bldg | H-5 | 090 |
| CHM | Chemistry/Biochemistry Bldg. | G-5 | 091 |
| CLB | Classroom Bldg. | G-6 | 106 |
| COL | Cole Student Activities Bldg | G-3 | 162 |
| CSS | Computer and Space Sciences Bldg. | I-4 | 224 |
| DSA | Dairy Science Annex & Large Animal Classroom | I-5 | 107 |
| EDA | Education Annex | E-3 | 066 |
| EDU | Education (Benjamin) | G-3 | 143 |
| EGL | Engineering Lab (Martin) | G-6 | 085 |
| EGR | Engineering Classroom (Martin) | G-5 | 088 |
| EPL | East Poultry Lab Bldg | I-4 | 188 |
| GEO | Geology Bldg. | G-4 | 237 |
| GLF | Golf Range | J-2 | 166 |
| HAR | Harrison Lab | E-6 | 002 |
| HOB | Horse Barn | I-5 | 108 |
| HBK | Hornbake Undergraduate Library | G-4 | 147 |
| HJP | H. J. Patterson | G-4 | 073 |
| HMH | Home Management House | C-4 | 027 |
| HZF | Holzapfel Hall | F-4 | 074 |
| IPT | Inst. of Physical Sciences and Technology | I-5 | 085 |
| ITV | Instructional Television Facility | G-5 | 045 |
| JMP | J. M. Patterson Hall | H-5 | 083 |
| JMZ | Jimenez Foreign Language | G-3 | 034 |
| JRN | Journalism Bldg | F-3 | 059 |
| JUL | Jull Hall | I-4 | 227 |
| KEY | Francis Scott Key Hall | E-3 | 048 |
| LAM | Lab Animal Mgt. Classroom | CRF | 783 |
| LEF | Lefrak Social Sciences | E-3 | 038 |
| MCB | Microbiology Bldg | G-4 | 231 |
| MCK | McKeldin Library | F-3 | 035 |
| MIL | Mill Bldg. | G-4 | 232 |
| MMH | Marie Mount Hall | E-4 | 046 |
| MOR | Morrill Hall | E-3 | 040 |
| MTH | Mathematics Bldg | G-5 | 084 |
| PHY | Physics Bldg | G-5 | 082 |
| PKT | Preinkert Field House | F-3 | 054 |
| PRH | Physical Education, Recreation and Health Bldg. | J-5 | 255 |
| RIT | Ritchie Coliseum | D-5 | 004 |
| SDH | South Campus Dining Hall | E-3 | 026 |
| SHB | Sheep Barn | I-5 | 109 |
| SHM | Shoemaker Building | E-3 | 037 |
| SHR | Shriver Lab | F-4 | 075 |
| SKN | Skinner Bldg. | E-4 | 044 |
| SSU | Stamp Student Union | G-4 | 163 |
| SYM | Symons Hall | F-4 | 076 |
| TAA | Temporary Classroom AA | D-3 | 053 |
| TBA | To Be Arranged | | |
| TEE | Temporary Classroom EE | D-3 | 058 |
| TLF | Taliaferro Hall | E-3 | 043 |
| TUR | Turner Lab | E-5 | 079 |
| TYD | Tydings Hall | E-3 | 042 |
| TWS | Tawes Fine Arts Bldg. | G-3 | 141 |
| WDS | Woods Hall | E-4 | 047 |
| WTU | Wind Tunnel | G-6 | 081 |
| ZOP | Zoology-Psychology Bldg. | G-4 | 144 |

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UMCP - UMUC

0201 TuTh.....9:30am-10:45am (CLB 0104) STAFF
0301 TuTh.....3:30pm- 4:45pm (CLB 0104) Knott, G
0401 TuTh.....5:45pm- 7:00pm (CSS 2324) Shapiro, B

CMSC424 Database Design; Grade Method: REG/P-F; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (CLB 0102) STAFF
0201 TuTh.....11:00am-12:15pm (CLB 0109) Christensen, L

CMSC426 Image Processing; Grade Method: REG/P-F; 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (CLB 0104) Aloimonos, J

CMSC430 Theory of Language Translation; Grade 3 credits
(PermReq) Method: REG/P-F;
0101 TuTh.....9:30am-10:45am (ITV 1111) Barth, C
0201 TuTh.....9:30am-10:45am (CLB 0109) STAFF
0301 TuTh.....12:30pm- 1:45pm (CLB 0102) Johnson, G

CMSC434 Human Factors in Computer and Information 3 credits
(PermReq) Systems; Grade Method: REG/P-F;
Prerequisities: CMSC330, STAT400, PSYC100.
0101 TuTh.....9:30am-10:45am (CSS 2352) Shneiderman, B

CMSC450 Elementary Logic and Algorithms; Grade 3 credits
(PermReq) Method: REG/P-F;
0201 MWF.....10:00am-10:50am (MTH 0403) Lopez-Escobar,
0301 TuTh.....11:00am-12:15pm (MTH B0423) Edmundson, H

CMSC451 Design and Analysis of Computer 3 credits
(PermReq) Algorithms; Grade Method: REG/P-F;
0101 MWF.....11:00am-11:50am (CSS 2330) STAFF
0201 TuTh.....2:00pm- 3:15pm (CSS 2330) Mount, D

CMSC452 Elementary Theory of Computation; Grade 3 credits
(PermReq) Method: REG/P-F;
0201 TuTh.....2:00pm- 3:15pm (CHM 0122) Gasarch, W

CMSC460 Computational Methods; Grade Method: 3 credits
(PermReq) REG/P-F; Credit will be given for only one of the two courses - 460 or 470.
0101 TuTh.....9:30am-10:45am (MTH 0302) Hummel, J
0201 MWF.....11:00am-11:50am (MTH 0411) Osborn, J

CMSC470 Numerical Mathematics: Analysis; Grade 3 credits
(PermReq) Method: REG/P-F; Credit will be given for only one of the two courses - 460 or 470.
0101 MWF.....2:00pm- 2:50pm (MTH 0411) Correl, E

CMSC471 Numerical Mathematics: Linear Algebra; 3 credits
(PermReq) Grade Method: REG/P-F;
0101 TuTh.....2:00pm- 3:15pm (MTH 1308) Fontecilla, R
0201 MWF.....9:00am- 9:50am (MTH 0401) Wolfe, P

CMSC498A Special Problems in Computer Science; 1-3 credits
(PermReq) Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number.

CMSC498C Special Problems in Computer Science: 1-3 credits
(PermReq) Computer Graphics; Grade Method: REG/P-F/AUD;
0101 TuTh.....5:00pm- 6:15pm (CLB 0111) Knott, G

CMSC498D Special Problems in Computer Science: 1-3 credits
(PermReq) Discrete Event Simulation; Grade Method: REG/P-F/AUD;
0101 TuTh.....3:30pm- 4:45pm (CHM 0119) Wersan, S

CMSC498E Special Problems in Computer Science: 3 credits
(PermReq) Computers and Society; Grade Method: REG/P-F;
0101 MWF.....9:00am- 9:50am (CSS 2324) Atchison, W

CMSC498F Special Problems in Computer Science: 1-3 credits
(PermReq) Special Topics in Artificial Intelligence; Grade Method: REG/P-F/AUD; Prerequisites: CMSC820 or permission of instructor
0101 TuTh.....11:00am-12:15pm (CSS 2330) Nau, D

CMSC612 Computer Systems Theory; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 MW.....2:00pm- 3:15pm (CLB 0104) Plateau, B

CMSC620 Problem Solving Methods in Artificial 3 credits
(PermReq) Intelligence; Grade Method: REG/AUD;
0201 TuTh.....12:30pm- 1:45pm (CLB 0111) Hendler, J

CMSC630 Theory of Programming Languages; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....9:30am-10:45am (CSS 2330) Stotts, D

CMSC650 Theory of Computing; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) Smith, C

CMSC651 Analysis of Algorithms; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (CLB 0109) Kruskal, C

CMSC772 Numerical Solution of Nonlinear Equations; 3 credits
(PermReq) Grade Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (MTH 0102) Kellogg, R

CMSC798A Graduate Seminar in Computer Science; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

CMSC818A Advanced Topics in Computer Systems; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC818B Advanced Topics in Computer Systems: 1-3 credits
(PermReq) Computer Communications and Local Area Networks; Grade Method: REG/AUD;
0101 Tu.....2:00pm- 4:40pm (CHM 0127) Tripathi, S

CMSC828A Advanced Topics in Information Processing; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC828C Advanced Topics in Information Processing: 1-3 credits
(PermReq) Computer Graphics; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (CLB 0111) Knott, G

CMSC828E Advanced Topics in Information Processing: 1-3 credits
(PermReq) Advanced Databases: File Structures; Grade Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (CSS 2330) Faloutsos, C

CMSC828F Advanced Topics in Information Processing: 1-3 credits
(PermReq) Special Topics in Artificial Intelligence; Grade Method: REG/AUD; Prerequisite: CMSC620 or consent of instructor.
0101 TuTh.....11:00am-12:15pm (CSS 2330) Nau, D

CMSC828M Advanced Topics in Information Processing: 1-3 credits
(PermReq) The Art of Prolog; Grade Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (CSS 2352) Minker, J

CMSC838A Advanced Topics in Programming Languages; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC838B Advanced Topics in Programming Languages: 1-3 credits
(PermReq) Topics in Modular Interconnection Languages; Grade Method: REG/AUD; Prerequisite: CMSC 330, 420.
0101 M.....2:00pm- 3:45pm (CSS 2352) Purtilo, J

CMSC838C Advanced Topics in Programming Languages: 1-3 credits
(PermReq) Fault Tolerant Systems; Grade Method: REG/AUD;
0101 TuTh.....11:00am-12:15pm (CSS 2352) Jalote, P

CMSC838D Advanced Topics in Programming Languages: 1-3 credits
(PermReq) A Quantative Approach to Software Management and Engineering; Grade Method: REG/AUD;
0101 Time and room to be arranged Rombach, H

CMSC858A Advanced Topics in Theory of Computing; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC858B Advanced Topics in Theory of Computing: 1-3 credits
(PermReq) Theories of Information; Grade Method: REG/AUD; Prerequisite: CMSC 420.
0101 TuTh.....2:00pm- 3:15pm (EGR 0110) Edmundson, H

CMSC878A Advanced Topics in Numerical Methods; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

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CNEC Consumer Economics (Human Ecology)

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CNEC100 Introduction to Consumer Economics; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....9:30am-10:45am (MMH 1400) Ruyle, N

CNEC310 Consumer Economics and Public Policy; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and 203;
0101 TuTh.....2:00pm- 3:15pm (ARM 0112) Soberon-Ferrer,

CNEC385 Junior Honors Seminar; Grade Method: S-F; 1 credit
(PermReq) Limited to departmental majors.
0101 W.....2:00pm- 2:50pm (MMH 2210) Pourdeyhimi, B

CNEC396 Field Work and Analysis in Consumer 3-6 credits
(PermReq) Economics; Grade Method: S-F; Majors only.
0101 Time and room to be arranged STAFF

CNEC400 Research Methods; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (MMH 3418) Chern, W

CNEC431 The Consumer and the Law; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 M.....6:00pm- 8:30pm (MMH 1400) Powell, C
0301 Tu.....6:00pm- 8:30pm (MMH 1400) Goldberg, F
0501 Th.....3:30pm- 6:00pm (MMH 1400) Brannigan, V

CNEC433 Consumer Law: Advertising and 3 credits
Solicitation; Grade Method: REG/P-F/AUD; Course offered in spring semester only.
0101 W.....3:00pm- 5:30pm (MMH 1304) Brannigan, V

CNEC435 Economics of Consumption; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Course offered in spring semester only. Prerequisites: ECON 201 and ECON 203.
0101 TuTh.....12:30pm- 1:45pm (ARM 0116) Chern, W

CNEC437 Consumer Behavior; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: PSYC 100 and SOCY 100.
0101 TuTh.....11:00am-12:15pm (ARM 0110) Ettenson, R
0201 TuTh.....8:00am- 9:15am (MMH 1400) Hacklander, E

CNEC455 Product Standards; Grade Method: 3 credits
REG/P-F/AUD; Course offered in spring semester only.
0101 M.....3:30pm- 6:00pm (MMH 0108) Spivak, S

CNEC488 Senior Honors Thesis; Grade Method: S-F; 1-4 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

CNEC498 Special Studies; Grade Method: 2-4 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

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COOP Cooperative Education Program (Undergraduate Studies)

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COOP208 Coop Work Experience I; Grade Method: S-F; No credit
(PermReq) Student must register for COOP 209 concurrently. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees and special withdrawal/refund policies, see the Financial Information section of the Schedule of Classes.
0101 Time and room to be arranged Winick, H

COOP209 Coop Work Experience II; Grade Method: No credit
(PermReq) S-F; Students must register for COOP 208 concurrently. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees and special withdrawal/refund policies, see the Financial Information section of the Schedule of Classes.
0101 Time and room to be arranged Winick, H

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CRIM Criminology (Behavior + Social Sci)

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CRIM220 Criminology; Grade Method: REG/P-F/AUD; 3 credits
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MWF.....11:00am-11:50am (TLF 0124) Katzenelson, S
0201 TuTh.....9:30am-10:45am (ARM 0110) Kazyaka, A
0301 MWF.....9:00am- 9:50am (TYD 1102) Katzenelson, S
0401 TuTh.....12:30pm- 1:45pm (TYD 1102) Kazyaka, A

CRIM300 Criminology Research Methods; Grade 3 credits
Method: REG; Prerequisites: CJUS 100, CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 421, EDMS 451, GVPT 422.
0101 TuTh.....9:30am-10:45am (TLF 0124) Brooks, L
0201 TuTh.....2:00pm- 3:15pm (TLF 0124) Brooks, L

CRIM359 Field Training in Criminology and 1-3 credits
(PermReq) Corrections; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only and consent of instructor.

CRIM386 Field Work; Grade Method: REG; Individual 1-3 credits
(PermReq) Instruction course: contact department or instructor to obtain section number. Have junior standing by Aug 1986, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting.

CRIM387 Field Work Analysis; Grade Method: REG; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1986, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting.

CRIM388H Independent Reading Course in Criminology; 3 credits
(PermReq) Grade Method: REG; For honor students only. Prerequisite: SOCY 100.
0101 W.....3:00pm- 4:00pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:00pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CRIM389H Independent Research in Criminology; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for Honors students only and consent of instructor.

CRIM399 Independent Study in Criminology; Grade 1-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits.

CRIM432 Law of Corrections; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: LENF230 or 234 and CRIM220.
0101 MWF.....1:00pm- 1:50pm (TYD 1102) Ingraham, B

CRIM450 Juvenile Delinquency; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (CSS 2324) Iovanni, L
0201 TuTh.....9:30am-10:45am (COL 3109) Iovanni, L

CRIM451 Crime and Delinquency Prevention; Grade 3 credits
Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor.
0101 TuTh.....11:00am-12:15pm (SHM 2102) Gottfredson, D

CRIM452 Treatment of Criminals and Delinquents in 3 credits
the Community; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or consent of instructor.
0101 MWF.....12:00pm-12:50pm (TLF 0124) Maida, P

CRIM453 Institutional Treatment of Criminals and 3 credits
Delinquents; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or consent of instructor.
0101 MWF.....9:00am- 9:50am (TYD 1101) Maida, P

CRIM454 Contemporary Criminological Theory; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: CRIM 220 and CRIM 450 and one additional course selected from CRIM 451, CRIM 452, or CRIM 453.
0101 TuTh.....2:00pm- 3:15pm (TYD 1101) Young, V

CRIM498A Selected Topics in Criminology: Violence 3 credits
in America; Grade Method: REG/P-F/AUD;
0101 Th.....4:00pm- 6:45pm (LEF 2208) Young, V

CRIM498B Selected Topics in Criminology: 3 credits
Neighborhood Justice and the Criminal Justice System; Grade Method: REG; Prerequisite: LENF 100 or CRIM 220.
0101 W.....2:00pm- 4:45pm (LEF 1220) Maida, P

CRIM610 Research Methods in Criminal Justice and 3 credits
Criminology; Grade Method: REG; Prerequisites: Must have completed research methods and statistics requirements for the M.A. degrees.
0101 Th.....4:00pm- 6:45pm (LEF 1220) Loftin, C

CRIM650 Advanced Criminology; Grade Method: REG; 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 1222) Paternoster, R

CRIM651 Seminar in Criminology; Grade Method: 3 credits
REG/AUD;
0101 M.....7:00pm- 9:45pm (LEF 1222) Wellford, C

CRIM654 History of Criminological Thought; Grade 3 credits
Method: REG; Prerequisite: CRIM 454 or its equivalent.
0101 W.....4:00pm- 6:45pm (LEF 1210) Paternoster, R

CRIM699 Special Criminological Problems; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CRIM699A Special Criminological Problems: Advance 3 credits
Criminological Research Methods; Grade Method: REG;
0101 Th.....4:00pm- 6:45pm (LEF 2155) Smith, D

CRIM699D Special Criminological Problems: 3 credits
Neighborhood Justice and the Criminal Justice System; Grade Method: REG; Prerequisite: LENF 100 or CRIM 220.
0101 W.....2:00pm- 4:45pm (LEF 1220) Maida, P

CRIM799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

CRIM899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

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DANC Dance (Arts and Humanities)

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DANC100 Modern Dance I For Non-Majors; Grade 2 credits
Method: REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (TAA 1103) LAB Covey, D
0102 MWF.....10:00am-10:50am (TEE 1115) LAB Jackson, P
0103 MWF.....12:00pm-12:50pm (PKT 2102) LAB Ryder, M
0104 MWF.....1:00pm- 1:50pm (PKT 2102) LAB Warren, A
0105 MWF.....2:00pm- 2:50pm (PKT 2102) LAB Jackson, P
0106 TuTh.....9:30am-10:45am (TEE 1115) LAB Ryder, M
0107 TuTh.....12:30pm- 1:45pm (TEE 1115) LAB Ryder, M
0109 TuTh.....5:00pm- 6:15pm (TAA 1103) LAB Haigler de Robl

DANC104 Modern Dance II For Non-Majors; Grade 2 credits
Method: REG/P-F/AUD; Prerequisite: DANC 100.
0101 MWF.....9:00am- 9:50am (TEE 1115) LAB Ryder, M
0102 TuTh.....11:00am-12:15pm (TAA 1103) LAB Warren, A
0103 TuTh.....6:30pm- 7:45pm (TAA 1103) LAB Mayes, A

DANC109 Improvisation I; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (TEE 1115) LAB Rosen, M

DANC124 Ballet I For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PKT 2102) LAB Druker, S
0102 MWF.....10:00am-10:50am (PKT 2102) LAB Druker, S
0103 MWF.....11:00am-11:50am (PKT 2102) LAB Druker, S

DANC127 Ballet II For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD; Prerequisite: DANC 124.
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB Haigler de Robl
0102 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB Druker, S

DANC128 Ballet I For Majors Only; Grade Method: 2 credits
(PermReq) REG/P-F/AUD; Non-majors admitted on a space available basis.
0101 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB Rutter, L

DANC129 Ballet II For Majors Only; Grade Method: 2 credits
REG/P-F/AUD; Prerequisite: DANC 128. Non-majors admitted on a space available basis.
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB Druker, S

DANC148 Modern Dance I For Majors Only; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Non-majors admitted on a space available basis.
0101 MWF.....11:00am-12:20pm (TAA 1103) LAB Wiltz, A

DANC149 Modern Dance II For Majors Only; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: DANC 148.
0101 MWF.....2:00pm- 3:20pm (TAA 1103) LAB Mayes, A

DANC154 Jazz I For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (TAA 1103) Mayes, A

DANC158 Jazz I For Majors Only; Grade Method: 2 credits
(PermReq) REG/P-F/AUD; Non-majors admitted on a space available basis.
0101 TuTh.....12:30pm- 1:45pm (TAA 1103) LAB Rutter, L

DANC199 Dance Workshop I; Grade Method: 1-2 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

DANC200 Introduction to Dance; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....12:00pm-12:50pm (TAA 1124) Warren, L
0201 MWF.....2:00pm- 2:50pm (TAA 1124) Rutter, L
0301 TuTh.....11:00am-12:15pm (TAA 1124) Dunn, R
0401 TuTh.....2:00pm- 3:15pm (TAA 1124) Warren, L

DANC208 Choreography I; Grade Method: REG/P-F/AUD; 3 credits
Prerequisite: DANC 102 and DANC 109.
0101 MWF.....3:30pm- 4:50pm (PKT 2102) LAB Dunn, R

DANC210 Dance Production I; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....3:30pm- 4:50pm (TEE 1115) Covey, D

DANC228 Ballet III; Grade Method: REG/P-F/AUD; 2 credits
Prerequisite: DANC 129 or audition. Majors have priority.
0101 TuTh.....11:00am-12:15pm (PKT 2102) LAB Druker, S

DANC229 Ballet IV; Grade Method: REG/P-F/AUD; 2 credits
Prerequisite: DANC 228 or audition. Majors have priority.
0101 TuTh.....11:00am-12:15pm (PKT 2102) Druker, S

DANC248 Modern Dance III For Majors Only; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: DANC 149 or audition.
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB Warren, A

DANC249 Modern Dance IV; Grade Method: REG/P-F/AUD; Prerequisite: DANC 248 or audition. 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Rosen, M

DANC258 (PermReq) Jazz II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 154 or 158. 2 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1103) LAB Mayes, A

DANC299 (PermReq) Dance Workshop II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 199. 1-2 credits

DANC302 Music Sources For Dance; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TAA 1116) Johnson, I

DANC306 (PermReq) Creative Dance for Children; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1116) Haigler de Robl

DANC308 Choreography II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 208. 3 credits
0101 MWF.....3:30pm- 4:50pm (TAA 1103) LAB Warren, L

DANC310 Dance Lighting; Grade Method: REG/P-F/AUD; Prerequisite: DANC 210. 3 credits
0101 Time and room to be arranged Jackson, P

DANC348 Modern Dance V; Grade Method: REG/P-F/AUD; Prerequisite: DANC 249 or audition. 3 credits
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB Butler, E

DANC349 Modern Dance VI; Grade Method: REG/P-F/AUD; Prerequisite: DANC 348 or audition. 3 credits
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB Butler, E

DANC379 (PermReq) Practicum in Dance; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC380 Kinesiology For Dancers; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....9:00am-10:50am (TAA 1124) Rutter, L

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TEE 1115) LAB Rosen, M

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

DANC399 (PermReq) Dance Workshop III; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. 1-2 credits

DANC410 Dance Production II; Grade Method: REG/P-F/AUD; 3 credits
0303 Time and room to be arranged Jackson, P

DANC466 Laban Movement Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 3:20pm (TEE 1115) Dunn, R

DANC484 Philosophy of Dance; Grade Method: REG/P-F/AUD; Prerequisite: DANC 200 or permission of instructor. Majors have priority. 3 credits
0101 MWF.....11:00am-11:50am (TAA 1124) Dunn, R

DANC499 (PermReq) Dance Workshop IV: Practicum; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number Prerequisite: DANC 399. 1-6 credits

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## DHCR Human and Community Resources (Phys Ed Recr, & Health )

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DHCR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact the Center on Aging, 1120 Francis Scott Key. 1-3 credits

DHCR387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Field work analysis in aging: Contact the Center on Aging, 1120 Francis Scott Key. 1-3 credits
0101 MW.....1:00pm- 3:00pm (JRN 1101) Pollack, S

DHCR688 (PermReq) Field Work in Aging; Grade Method: REG/AUD; Contact department or instructor to obtain section number. 1-6 credits
0101 Time and room to be arranged Ansello, E

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## ECON Economics (Behavior + Social Sci)

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ECON105 Economics of Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have previously earned 6 or more credits in economics. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0220) Weinstein, P

ECON105L Economics of Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; By permission only from Arts and Humanities Dean. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0220) Weinstein, P

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 205. 3 credits

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|---|---|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (TYD 0101) | | | STAFF |
| 0201 | MWF.....9:00am- 9:50am (TYD 2110) | | | STAFF |
| 0301 | MWF.....9:00am- 9:50am (WDS 0104) | | | STAFF |
| 0401 | TuTh.....8:00am- 9:15am (TYD 0101) | | | STAFF |
| 0501 | TuTh.....8:00am- 9:15am (TYD 1114) | | | STAFF |
| 0601 | MWF.....10:00am-10:50am (TYD 1132) | | | STAFF |
| 0701 | MWF.....9:00am- 9:50am (HZF 1108) | | | STAFF |
| 0801 | TuTh.....9:30am-10:45am (TYD 1132) | | | STAFF |
| 0901 | TuTh.....9:30am-10:45am (HZF 1108) | | | STAFF |
| 1001 | MWF.....10:00am-10:50am (WDS 0104) | | | STAFF |
| 1101 | MWF.....10:00am-10:50am (TYD 1114) | | | STAFF |
| 1201 | MWF.....11:00am-11:50am (WDS 0104) | | | STAFF |
| 1301 | TuTh.....11:00am-12:15pm (WDS 1101) | | | STAFF |
| 1401 | MWF.....12:00pm-12:50pm (TYD 1114) | | | STAFF |
| 1501 | TuTh.....12:30pm- 1:45pm (HZF 1101) | | | STAFF |
| 1601 | MWF.....1:00pm- 1:50pm (TYD 0101) | | | STAFF |
| 1701 | MWF.....1:00pm- 1:50pm (TYD 1128) | | | STAFF |
| 1801 | MWF.....1:00pm- 1:50pm (WDS 1114) | | | STAFF |
| 1901 | MWF.....2:00pm- 2:50pm (TYD 0101) | | | STAFF |
| 2001 | MWF.....8:00am- 8:50am (TYD 1128) | | | STAFF |
| 2101 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | M.....9:00am- 9:50am (HZF 1101) | DIS | | |
| 2102 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | Tu.....9:00am- 9:50am (COL 3111) | DIS | | |
| 2103 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | Th.....9:00am- 9:50am (JRN 1105) | DIS | | |
| 2104 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | W.....9:00am- 9:50am (CHM 0122) | DIS | | |
| 2105 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | M.....10:00am-10:50am (CHM 0122) | DIS | | |
| 2106 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | W.....10:00am-10:50am (HJP 1229) | DIS | | |
| 2107 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | W.....11:00am-11:50am (ARM 0119) | DIS | | |
| 2108 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | M.....10:00am-10:50am (TYD 2140) | DIS | | |
| 2110 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | W.....10:00am-10:50am (HBK 1112) | DIS | | |
| 2111 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | F.....10:00am-10:50am (KEY 0103) | DIS | | |
| 2112 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | W.....12:00pm-12:50pm (ARM 0119) | DIS | | |
| 2114 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | F.....12:00pm-12:50pm (ARC 1105) | DIS | | |
| 2115 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | M.....2:00pm- 2:50pm (CHM 0127) | DIS | | |
| 2116 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | W.....2:00pm- 2:50pm (ARM 0117) | DIS | | |
| 2117 | MW.....12:00pm-12:50pm (TYD 0130) | | | Wonnacott, P |
| | M.....3:00pm- 3:50pm (WDS 0104) | DIS | | |
| 2201 | MWF.....3:00pm- 3:50pm (TYD 0101) | | | STAFF |
| 2301 | MWF.....3:00pm- 3:50pm (TYD 1128) | | | STAFF |
| 2401 | TuTh.....2:00pm- 3:15pm (WDS 0104) | | | STAFF |
| 2501 | TuTh.....2:00pm- 3:15pm (TYD 1132) | | | STAFF |
| 2601 | TuTh.....2:00pm- 3:15pm (HJP 1229) | | | STAFF |
| 2701 | TuTh.....5:00pm- 6:15pm (TYD 2108) | | | STAFF |
| 2801 | TuTh.....5:00pm- 6:15pm (TYD 0101) | | | STAFF |
| 2901 | TuTh.....2:00pm- 3:15pm (CHM 0119) | | | STAFF |
| 3000 | TuTh.....8:00am- 9:15am (WDS 0104) | | | STAFF |
| 3101 | TuTh.....12:30pm- 1:45pm (TYD 1114) | | | STAFF |
| 3201 | TuTh.....3:30pm- 4:45pm (TYD 2110) | | | STAFF |
| 3301 | TuTh.....9:30am-10:45am (WDS 0104) | | | STAFF |

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are advised to take ECON 201 before ECON 203. 3 credits

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|---|---|---|---|---|
| 0401 | MWF.....9:00am- 9:50am (HZF 1106) | | | STAFF |
| 0501 | MWF.....9:00am- 9:50am (TLF 0101) | | | STAFF |
| 0601 | MWF.....10:00am-10:50am (TYD 2110) | | | STAFF |
| 0701 | TuTh.....11:00am-12:15pm (TYD 2110) | | | STAFF |
| 0801 | MWF.....12:00pm-12:50pm (TYD 2110) | | | STAFF |
| 0901 | MWF.....2:00pm- 2:50pm (WDS 0104) | | | STAFF |
| 1301 | TuTh.....8:00am- 9:15am (TYD 1128) | | | STAFF |
| 1401 | MWF.....2:00pm- 2:50pm (HZF 1106) | | | STAFF |
| 2101 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | M.....9:00am- 9:50am (CHE 2118) | DIS | | |
| 2102 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | W.....9:00am- 9:50am (TYD 2100) | DIS | | |
| 2103 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | F.....9:00am- 9:50am (TYD 1132) | DIS | | |
| 2105 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | W.....9:00am- 9:50am (TYD 1136) | DIS | | |
| 2106 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | M.....1:00pm- 1:50pm (ARM 0116) | DIS | | |
| 2107 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | W.....10:00am-10:50am (TYD 1136) | DIS | | |
| 2108 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | W.....12:00pm-12:50pm (HZF 1101) | DIS | | |
| 2110 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | W.....1:00pm- 1:50pm (TYD 1132) | DIS | | |
| 2111 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | F.....1:00pm- 1:50pm (TYD 0111) | DIS | | |
| 2112 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | M.....10:00am-10:50am (COL 3110) | DIS | | |
| 2113 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | F.....10:00am-10:50am (COL 3110) | DIS | | |
| 2114 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | M.....11:00am-11:50am (TYD 1128) | DIS | | |
| 2115 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | F.....11:00am-11:50am (TYD 2100) | DIS | | |
| 2116 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | Tu.....10:00am-10:50am (CHE 2118) | DIS | | |
| 2117 | TuTh.....11:00am-11:50am (TYD 0130) | | | Clague, C |
| | Th.....10:00am-10:50am (JMZ 0204) | DIS | | |
| 2220 | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2221 | M.....9:00am- 9:50am (ZOP 1232) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2222 | Tu.....9:00am- 9:50am (JRN 1105) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2223 | F.....12:00pm-12:50pm (HZF 1101) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2224 | F.....9:00am- 9:50am (HZF 1101) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2225 | M.....9:00am- 9:50am (ARM 0120) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2227 | W.....9:00am- 9:50am (ARM 0120) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2228 | F.....10:00am-10:50am (TYD 1136) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2229 | F.....11:00am-11:50am (TYD 1128) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2230 | F.....12:00pm-12:50pm (TYD 2100) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2231 | M.....10:00am-10:50am (TYD 2100) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2232 | W.....10:00am-10:50am (TYD 2100) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| 2233 | F.....1:00pm- 1:50pm (TYD 1132) | DIS | | |
| | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| | M.....3:00pm- 3:50pm (TYD 2140) | DIS | | |
| 2235 | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| | F.....12:00pm-12:50pm (TYD 1136) | DIS | | |
| 2236 | MW.....11:00am-11:50am (TYD 0130) | | | Kessides, I |
| | F.....12:00pm-12:50pm (TYD 2140) | DIS | | |

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 201. 3 credits

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|---|---|---|---|---|
| 1104 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | M.....9:00am- 9:50am (TYD 2100) | DIS | | |
| 1105 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | W.....9:00am- 9:50am (MMH 0108) | DIS | | |
| 1106 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | M.....11:00am-11:50am (TYD 2100) | DIS | | |
| 1107 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | W.....11:00am-11:50am (TYD 2100) | DIS | | |
| 1108 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | F.....9:00am- 9:50am (ZOP 1234) | DIS | | |
| 1109 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | F.....10:00am-10:50am (JRN 1116) | DIS | | |
| 1110 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | F.....10:00am-10:50am (CHE 2136) | DIS | | |
| 1111 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | M.....12:00pm-12:50pm (TYD 2100) | DIS | | |
| 1112 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | W.....1:00pm- 1:50pm (ARM 0119) | DIS | | |
| 1113 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | W.....12:00pm-12:50pm (HZF 1101) | DIS | | |
| 1114 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | F.....12:00pm-12:50pm (ZOP 1228) | DIS | | |
| 1115 | MW.....10:00am-10:50am (TYD 0130) | | | Cumberland, J |
| | M.....1:00pm- 1:50pm (ZOP 1232) | DIS | | |

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 or ECON 205. 3 credits

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|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (TYD 2106) | Ulmer, M |
| 0201 | MWF.....11:00am-11:50am (TYD 2111) | STAFF |
| 0301 | TuTh.....9:30am-10:45am (COL 3110) | Straszheim, M |

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No prerequisites. 3 credits

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|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (ARM 0135) | Rossman, J |
| 0201 | TuTh.....12:30pm- 1:45pm (ARM 0135) | Rossman, J |

ECON316 Economic Development of Latin America; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) Clague, C

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits

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|---|---|---|
| 0101 | MW.....2:00pm- 3:15pm (TYD 2106) | Kessides, I |
| 0201 | TuTh.....12:30pm- 1:45pm (TYD 0101) | STAFF |

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 370 or ECON 470. 3 credits

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|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (TYD 2106) | STAFF |
| 0201 | MWF.....10:00am-10:50am (TYD 2111) | Knight, R |
| 0301 | MWF.....9:00am- 9:50am (TYD 1114) | Knight, R |

ECON374 Sex Roles in Economic Life; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits

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|---|---|---|
| 0101 | MWF.....11:00am-11:50am (TYD 0117) | STAFF |
| 0201 | TuTh.....11:00am-12:15pm (TYD 2111) | Bergmann, B |
| 0301 | MWF.....2:00pm- 2:50pm (TYD 1101) | STAFF |

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0102) STAFF

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisite: ECON 396 and candidacy for honors in economics. 3 credits
0101 Time and room to be arranged Oates, W

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. 3 credits

ECON401 National Income Analysis; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 401 or ECON 405. 3 credits

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|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (TYD 2111) | Madan, D |
| 0201 | MWF.....8:00am- 8:50am (TYD 2111) | STAFF |
| 0301 | MWF.....1:00pm- 1:50pm (TYD 2106) | STAFF |
| 0401 | TuTh.....8:00am- 9:15am (TYD 2111) | Almon Jr, C |
| 0501 | TuTh.....9:30am-10:45am (TYD 2106) | Harris Jr, C |
| 0601 | MWF.....10:00am-10:50am (TYD 2106) | Madan, D |
| 0701 | MWF.....9:00am- 9:50am (TYD 2106) | STAFF |

ECON402 Business Cycles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ECON 430. 3 credits

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|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (TYD 1128) | STAFF |
| 0201 | Tu.....6:30pm- 9:00pm (TYD 1101) | Taylor, P |
| 0301 | TuTh.....9:30am-10:45am (TYD 1128) | Almon Jr, C |

ECON403 Intermediate Price Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 403 or ECON 406. 3 credits

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|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (TYD 1114) | McGuire, M |
| 0201 | TuTh.....2:00pm- 3:15pm (TYD 2106) | Panagariya, A |
| 0301 | MWF.....12:00pm-12:50pm (TYD 0117) | Verma, S |
| 0401 | MWF.....9:00am- 9:50am (JRN 1116) | Verma, S |
| 0501 | TuTh.....12:30pm- 1:45pm (TYD 2106) | Panagariya, A |
| 0601 | MWF.....1:00pm- 1:50pm (TYD 2111) | Knight, R |
| 0701 | TuTh.....8:00am- 9:15am (TYD 1101) | STAFF |

ECON405 Intermediate Macro-economic Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and MATH 220 or its equivalent. Credit will be given for only one course: ECON 401 or ECON 405. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2111) Olson, M

ECON415 Introduction to Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits

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|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (TYD 1128) | STAFF |
| 0201 | MWF.....11:00am-11:50am (TYD 1114) | Iqbal, S |
| 0301 | TuTh.....2:00pm- 3:15pm (TYD 1114) | Avin, R |
| 0401 | TuTh.....11:00am-12:15pm (TYD 0101) | Avin, R |
| 0501 | TuTh.....9:30am-10:45am (TYD 2111) | Avin, R |

ECON421 Economic Statistics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 110 or equivalent. Not open to students who have taken BMGT 230 or BMGT 231. 3 credits

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|---|---|---|
| 0101 | MWF.....2:00pm- 2:50pm (TYD 1128) | Hovis, J |
| 0201 | MWF.....12:00pm-12:50pm (TYD 1128) | STAFF |
| 0301 | MWF.....8:00am- 8:50am (TYD 2110) | STAFF |

ECON422 Quantitative Methods in Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and ECON 421 (or BMGT 230); or permission of insructor. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0101) Prucha, I

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401, ECON 403 and one year of college mathematics. 3 credits
0101 MWF.....11:00am-11:50am (TYD 2110) Verma, S

ECON430 Money and Banking; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 430 or ECON 431. 3 credits

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|---|---|---|
| 0201 | MWF.....9:00am- 9:50am (TYD 0130) | Meyer, P |
| 0301 | TuTh.....9:30am-10:45am (SMH 2101) | Fahim-Nader, M |
| 0401 | TuTh.....2:00pm- 3:15pm (TYD 2111) | Fahim-Nader, M |
| 0501 | MWF.....12:00pm-12:50pm (TYD 0101) | Huh, G |
| 0601 | MWF.....11:00am-11:50am (TYD 0101) | Huh, G |
| 0701 | MWF.....10:00am-10:50am (TYD 0101) | Huh, G |

ECON431 Theory of Money, Prices and Economic Activity; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401 or ECON 405. Credit will be given for only one course: ECON 430 or ECON 431. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2110) Anderson, G

ECON440 International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 440 or ECON 441. 3 credits

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|---|---|---|
| 0101 | MWF.....2:00pm- 2:50pm (TYD 1114) | STAFF |
| 0201 | TuTh.....12:30pm- 1:45pm (WDS 1114) | Fahim-Nader, M |
| 0301 | MWF.....1:00pm- 1:50pm (TYD 1114) | STAFF |
| 0401 | TuTh.....3:30pm- 4:45pm (TYD 2111) | STAFF |
| 0501 | MWF.....9:00am- 9:50am (ARM 0110) | STAFF |
| 0601 | MWF.....10:00am-10:50am (TYD 2109) | STAFF |

ECON450 Introduction to Public Sector Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 450 or ECON 454. 3 credits

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|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (TYD 1102) | McGuire, M |
| 0201 | TuTh.....11:00am-12:15pm (TYD 1128) | Schwab, R |

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0117) Succar, P

ECON490 Survey of Urban Economic Problems and Policies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 2111) STAFF

ECON602 Economic Growth and Instability; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits

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|---|---|---|
| 0101 | MW.....2:00pm- 3:15pm (TYD 2100) | Haliassos, M |
| | F.....3:30pm- 5:00pm (TYD 2109) DIS | |
| 0201 | MW.....11:00am-12:15pm (TYD 1132) | Haliassos, M |
| | F.....11:00am-12:15pm (TYD 1132) DIS | |

ECON603 Micro-economic Analysis I; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits

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|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (TYD 1114) | Schwab, R |
| | M.....5:00pm- 6:30pm (TYD 1101) DIS | |

ECON604 Micro-economic Analysis II; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits

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|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (TYD 2100) | Murrell, P |
| | F.....2:00pm- 3:30pm (TYD 2100) DIS | |
| 0201 | TuTh.....2:00pm- 3:15pm (TYD 0101) | Murrell, P |
| | F.....9:00am-10:30am (TYD 2100) DIS | |

ECON605 Welfare Economics; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 MW.....8:30am- 9:45am (TYD 1132) Madan, D

ECON607 Economic Theory in the Nineteenth Century; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1132) Dillard, D

ECON616 Seminar in Economic Development; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 Tu.....7:15pm-10:00pm (TYD 1132) Betancourt, R

ECON622 Quantitative Economics II; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits

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|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (TYD 2110) | Kelejian, H |
| | F.....11:00am-11:50am (JRN 1116) DIS | |

ECON624 Econometrics II; Grade Method: REG/AUD; 3 credits

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|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (TYD 1132) | Prucha, I |
| | M.....10:00am-10:50am (HJP 1229) DIS | |

ECON662 Industry Structure, Conduct, and Performance; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1136) Succar, P

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ECON698C Selected Topics in Economics: Current Issues of Macroeconomic Theory and Policy; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1132) Schultze, C

ECON698D Selected Topics in Economics: Computer Simulation of Economic Systems; Grade 3 credits

Method: REG/AUD; Advanced special students not permitted.
0101 TuTh.....2:00pm- 3:15pm (TYD 2110) Bergmann, B

ECON698G Selected Topics in Economics: Workshop in Urban Public Economics; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 M.....3:30pm- 6:15pm (TYD 2106) Hulten, C

ECON698M Selected Topics in Economics: Workshop in Applied Economics; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 W.....3:30pm- 6:00pm (TYD 1114) Olson, M

ECON698P Selected Topics in Economics: Workshop in Trade and Development; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 M.....3:30pm- 6:00pm (TYD 1114) Clague, C

ECON698X Selected Topics in Economics; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 Meets 01/28/87 - 03/27/87 STAFF
F.....9:00am-12:00pm (TYD 2140)
Time and room to be arranged DIS

ECON722 Econometrics IV; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 1114) Kelejian, H

ECON732 Seminar in Monetary Theory and Policy; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 MW.....11:00am-12:15pm (TYD 2140) Meyer, P

ECON741 Advanced International Economics I; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2110) Wonnacott, P

ECON752 Seminar in Public Finance; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 W.....1:00pm- 3:30pm (TYD 2140) Aaron, H

ECON785 Advanced Economics of Natural Resources; Grade Method: REG/AUD; Advanced special students not permitted. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2110) Oates, W

ECON799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ECON899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## EDCI Curriculum and Instruction (Education)

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EDCI280 School Service Semester; Grade Method: S-F; Students must complete application for field component in office of Laboratory Experiences. Student must reserve the equivalent of one day a week for field experience. 3 credits
0101 M.....11:00am-11:50am (EDU 2119) Amershek, K
Time and room to be arranged LAB
0201 Th.....3:00pm- 3:50pm (EDU 1107) Delorenzo, W
Time and room to be arranged LAB
0301 W.....1:00pm- 1:50pm (EDU 2102) Sublett Jr, H
Time and room to be arranged LAB
0401 W.....11:00am-11:50am (EDU 2102) Sublett Jr, H
Time and room to be arranged LAB

EDCI288 (PermReq) Special Topics in Teacher Education; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDCI288M Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 210 and recommendation of instructor. 1-3 credits
0101 M.....4:00pm- 4:50pm (Arranged) Shearn, E

EDCI288V Special Topics in Teacher Education: Volunteerism; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Davis, J

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 4:00pm (EDU 1315) Craig, R

EDCI315 The Young Child in the Social Environment; Grade Method: REG; Blocked with EDCI 316, 317; 318; 443A; and EDHD 419B. Field experience scheduled on Monday and Wednesday. Early childhood majors only. Students registering in section 0101 must also register in EDCI 317, 0101. Students registering in section 0201, must also register in EDCI 317, 0201. 3 credits
0101 Th.....10:00am-12:00pm (EDU 1107) Jantz, R
Time and room to be arranged LAB
0201 Th.....1:00pm- 3:00pm (EDU 1107) Jantz, R
Time and room to be arranged LAB

EDCI316 The Teaching of Reading: Early Childhood; Grade Method: REG; Blocked with EDCI 315, 317, 318, 443A, and EDHD 419B. Field experience scheduled on Monday and Wednesday. Early childhood majors only. 3 credits
0101 M.....10:00am-12:00pm (EDU 1107) Gambrell, L
Time and room to be arranged LAB

EDCI317 The Young Child and the Physical Environment; Grade Method: REG; Blocked with EDCI 315, 316, 318, 443A, and EDHD 419B. Field experience scheduled on Monday and Wednesday. Early childhood majors only. Students registering in section 0101 must also register in EDCI 315, 0101. Students registering in 0201 must also register in EDCI 315, 0201. 3 credits
0101 Th.....1:00pm- 3:00pm (EDU 2212) Williams, D
W.....2:00pm- 4:00pm (EDU 2212) LAB
0201 Th.....10:00am-12:00pm (EDU 2212) Williams, D
F.....10:00am-12:00pm (EDU 2212) LAB

EDCI318 Professional Development Seminar in Early Childhood Education; Grade Method: REG; Blocked with EDCI 315, 316, 317, 443A, and EDHD 419B. Early childhood majors only. 2 credits
0101 M.....1:00pm- 3:00pm (EDU 1107) LAB Amershek, K

EDCI322A Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG; Teamed with EDCI 342A, 352A, 362A and 372A. 3 credits
0101 M.....10:00am-11:50am (EDU 2203) Weaver, V
Time and room to be arranged LAB

EDCI322B Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG; Teamed with EDCI 342B, 352B, 362B, 372B. 3 credits
0101 TuTh.....8:30am- 9:20am (EDU 2203) Jantz, R
Time and room to be arranged LAB

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Teamed with EDCI 352A, 362A, 372A and 322A. 3 credits
0101 W.....1:00pm- 2:50pm (EDU 2203) Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Teamed with EDCI 352B, 362B, 372B, 322B. 3 credits
0101 Tu.....1:00pm- 2:50pm (EDU 2203) Mauro, M
Time and room to be arranged LAB

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Teamed with EDCI 342A, 362A, 372A, 322A. 3 credits
0101 W.....10:00am-11:50am (EDU 2121) Graeber, A
Time and room to be arranged LAB

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Teamed with EDCI 342B, 362B, 372B, 322B. 3 credits
0101 Tu.....9:30am-11:20am (EDU 2121) Johnson, M
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Teamed with EDCI 322A, 342A, 352A, 372A. 3 credits
0101 MW.....9:00am- 9:50am (EDU 1121) Thompson, J
Time and room to be arranged LAB

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Teamed with EDCI 322B, 342B, 352B, 372B. 3 credits
0101 Th.....9:30am-11:20am (EDU 1121) Wilson, R
Time and room to be arranged LAB

EDCI370 Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD; Contact instructor prior to registration. Reserve a full day for field experience. 3 credits
0101 MW.....2:00pm- 2:50pm (EDU 0220) Krajcik, J
Time and room to be arranged LAB

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Teamed with EDCI 322A, 342A, 352A, 362A. 3 credits
0101 M.....1:00pm- 2:50pm (EDU 2212) Williams, D
Time and room to be arranged LAB

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Teamed with EDCI 322B, 342B, 352B, 362B. 3 credits
0101 Th.....1:00pm- 2:50pm (EDU 0220) Eley Jr, G
Time and room to be arranged LAB

EDCI386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD; 16 week course. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1107) Arends, R
0201 Tu.....4:15pm- 7:00pm (EDU 1107) Markham, P

EDCI390A Principles and Methods of Secondary Education Discussion; Grade Method: NGI; No credit
0101 M.....4:15pm- 7:00pm (Arranged) Arends, R
0201 W.....7:00pm- 9:45pm (Arranged) Arends, R
0301 Tu.....7:00pm-10:00pm (Arranged) Arends, R
0501 M.....7:00pm- 9:45pm (Arranged) Arends, R

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F; Limited to elementary art majors who have previously applied. Concurrent enrollment in EDCI 489D. 4-8 credits
0101 Time and room to be arranged McWhinnie, H

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F; Concurrent enrollment in EDCI 489D. 2-8 credits
0101 Time and room to be arranged McWhinnie, H

EDCI403 Teaching of Art Criticism in Public Schools; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI411 Student Teaching: Preschool; Grade Method: S-F; 4 credits
0101 Time and room to be arranged Jantz, R

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F; 4 credits
0101 Time and room to be arranged Jantz, R

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F; Prerequisites: EDCI 411 and EDCI 412. 8 credits
0101 Time and room to be arranged Jantz, R

EDCI416 Mainstreaming in Early Childhood Educational Settings; Grade Method: REG/P-F/AUD; Open to special education majors only. 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 1121) Saracho, O

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F; Concurrent registration with EDCI 421 required. 3 credits
0101 Tu.....4:15pm- 7:00pm (KEY 0120) Cirrincione, J

EDCI421 Student Teaching in Secondary Schools: Social Studies; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Farrell, R

EDCI430 Student Teaching Seminar in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1120) Delorenzo, W

EDCI431 Student Teaching in Secondary Schools: Foreign Languages; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Delorenzo, W

EDCI435 Teaching Reading in a Second Language; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1121) Markham, P

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Drama; Grade Method: S-F; Must be concurrently enrolled in EDCI 441 or 442. Meets Feb 4, March 4, April 1, April 29. 1 credit
0101 Meets 02/03/87 - 04/28/87 STAFF
Th.....2:30pm- 4:00pm (EDU 2203)
Time and room to be arranged LAB

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F; Concurrent registration in EDCI 440 is required. 12 credits
0101 Time and room to be arranged STAFF

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F; Concurrent registration in EDCI 440 is required. 12 credits
0101 Time and room to be arranged STAFF

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1121) Heidelbach, R
0201 TuTh.....9:30am-10:45am (HBK 0115) Williams, H
0301 Tu.....1:00pm- 4:00pm (EDU 1107) STAFF
Time and room to be arranged LAB
Section 0301 recommended for early childhood majors only. Blocked with EDCI 315, 316, 317, 318, and EDHD 419B.

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD; Must be taken concurrently with EDCI 451. 3 credits
0101 W.....3:30pm- 6:15pm (EDU 2121) Henkelman, J

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F; Must also register for EDCI 450. Open to students who have fulfilled requirements of the mathematics education program. 12 credits
0101 Time and room to be arranged Henkelman, J

EDCI456 Diagnosis of Learning Disabilities in Mathematics; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2121) Johnson, M

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2101) Brigham, B
0201 W.....7:00pm- 9:45pm (EDU 1121) Brigham, B

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD; Meets MTuW8-4 from 21 April - 16 May and 5-6:30 on 1/29, 2/12, 3/5, 3/19, and 4/9. 3 credits
0101 Time and room to be arranged Saracho, O

EDCI466 Literature for Adolescents; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (COL 0104) Slater, W

EDCI467 Teaching Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1107) Slater, W

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F; Concurrent enrollments in EDCI 488F and 489B. 12 credits
0101 Time and room to be arranged Layman, J

EDCI481 Student Teaching: Elementary; Grade Method: S-F; Limited to elementary majors who have previously applied. 12 credits
0101 Time and room to be arranged Jantz, R

EDCI482 Student Teaching in Elementary School: Special Education; Grade Method: S-F; 8 credits
0101 Time and room to be arranged Jantz, R

EDCI483 Student Teaching in School Media Centers: Elementary; Grade Method: S-F; 6 credits
0101 Time and room to be arranged Williams, H

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F; Limited to majors who have previously applied: Open to music education students enrolled in the department of Curriculum and Instruction. 4-6 credits
0101 Time and room to be arranged Saunders, C

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F; Limited to majors who have previously applied. 4-8 credits
0101 Time and room to be arranged Young, J

EDCI487 Introduction to Computers in Instructional Settings; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0202) Gillingham, M

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 471 and EDCI 489B are required. 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 0220) Lockard, J

EDCI488G Selected Topics in Teacher Education: Computers in Art Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) McWhinnie, H

EDCI488N Selected Topics in Teacher Education: Learning Styles and Learning Environments; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Section 0101 meets Saturday 5/3 9am-1pm. Limited to students with 75 credits or more. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 0114) Herman Jr., W
0201 Tu.....4:15pm- 7:00pm (EDU 2119) Herman Jr., W
0301 Tu.....4:15pm- 7:00pm (JMZ 0118) Heidelbach, R
0401 Th.....4:15pm- 7:00pm (ARC 1125) Heidelbach, R

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.. 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG; Must be concurrently enrolled in EDCI 471 and EDCI 488F required. 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 0220) Layman, J

EDCI489D Field Experiences in Education: Student Teaching Seminar in Art Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 401 or 402. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1315) McWhinnie, H

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Miller, C

EDCI493 Student Teaching in School Media Centers: Secondary; Grade Method: S-F; 6 credits
0101 Time and room to be arranged Williams, H

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F; 2-8 credits
0801 Time and room to be arranged Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F; 2-8 credits
0901 Time and room to be arranged Young, J

EDCI496 Student Teaching Seminar in Library Media Services; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Williams, H

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI610 Curriculum for Early Childhood Education; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) King, N

EDCI612 Teaching Strategies in Early Childhood Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2117) Amershek, K

EDCI613 Teacher-Parent Relationships; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2207) Church, M

EDCI631 Testing in the Foreign Language/ESL Classroom; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1203) Delorenzo, W

EDCI634 Advanced TESOL Methods; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2203) Markham, P

EDCI637 Advanced Laboratory Practice in Foreign Language/ESOL Education; Grade Method: REG/AUD; 2-6 credits
0101 Time and room to be arranged Markham, P

EDCI661 Teaching Reading in the Content Areas; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 0103) Brigham, B

EDCI663 Teaching Reading in the Elementary School; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1109) Garner, R

EDCI665 Clinical Remediation of Reading Disabilities; Grade Method: REG/AUD; For reading majors only. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) Gambrell, L

EDCI667 Teaching Reading in Secondary Schools: Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1109) Garner, R

EDCI684 Introduction to Field Methods in School and Community; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0210) Roderick, J

EDCI687 Applications of Computers in Instructional Settings; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0220) Krajcik, J

EDCI710 Staffing in Early Childhood Programs; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0125) Fein, G

EDCI720 Theory and Research in Social Studies Education; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI750 Theory and Research in Mathematics Education; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2121) Campbell, P

EDCI770 Foundations of Science Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2212) Holliday, W

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (TWS 1204) Borko, H

EDCI788S Selected Topics in Teacher Education: Analysis of Teaching; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 1121) Henkelman, J

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI820 Seminar in Social Studies Education; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD; 1-3 credits
0101 F.....10:00am-12:00pm (EDU 2121) Fey, J

EDCI861 Research Methods in Reading; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1107) — Garner, R

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD; — 3 credits
0201 M.....4:15pm- 7:00pm (EDU 3236) — Weaver, V

EDCI881 Seminar in Instructional Computing; Grade Method: REG/AUD; Prerequisites: EDCI 487 plus second level micro-computer course. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2125) — Gillingham, M

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## EDCP Education Counseling and Personnel Services (Education)

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EDCP108A College Aims: Interpersonal Development; Grade Method: REG/P-F/AUD; — 1 credit
0101 Tu.....12:30pm- 2:30pm (EDU 0202) — Allan, T
0201 M.....12:00pm- 2:00pm (EDU 3236) — Allan, T

EDCP108B College Aims: Reading and Study Skills; Grade Method: REG/P-F/AUD; — 1 credit
0101 MW.....9:00am-10:00am (EDU 3233) — STAFF

EDCP108D College Aims: Career Planning and Decision Making; Grade Method: REG/P-F/AUD; Section 0801 recommended for students 23 years or older. — 1 credit
0101 M.....1:00pm- 3:00pm (EDU 1315) — Cranston, P
0201 M.....2:00pm- 4:00pm (EDU 3236) — Cranston, P
0301 Tu.....12:30pm- 2:30pm (EDU 3236) — Cranston, P
0401 Tu.....2:00pm- 4:00pm (JMZ 2122) — Cranston, P
0501 W.....1:00pm- 3:00pm (EDU 0202) — Cranston, P
0601 W.....2:00pm- 4:00pm (EDU 3236) — Cranston, P
0701 Th.....12:30pm- 2:30pm (JMZ 0118) — Cranston, P
0801 Th.....1:00pm- 3:00pm (JMZ 1224) — Cranston, P

EDCP108M College Aims: Math Study Skills and Building Confidence; Grade Method: REG/AUD; Enrollment limited to students concurrently enrolled in MATH 001 or MATH 001B. — 1 credit
0101 Meets 01/28/87 - 03/27/87 — Shearn, E
WF.....12:00pm-12:50pm (EDU 3233)

EDCP108R College Aims: Returning Students; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....12:30pm- 2:30pm (EDU 2203) — Goldberg, B
0201 W.....10:00am-12:00pm (EDU 2203) — Greenfeig, B

EDCP108W (PermReq) College Aims: Relationship Skills Workshop; Grade Method: REG; Relationship skills workshop within residence halls communities. For permission to register, contact resident assistant or resident director. — 1 credit
0101 Meets 02/03/87 - 04/29/87 — STAFF
Tu.....6:30pm- 8:30pm (SHM 2101)
Meets 2/3, 2/10, 3/24 and 4/14.
0201 Meets 02/03/87 - 04/28/87 — STAFF
W.....6:30pm- 8:30pm (SHM 2101)
Meets 2/4, 2/11, 3/25, and 4/15.
0301 Meets 02/03/87 - 04/28/87 — STAFF
Time and room to be arranged

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG; Departmental approval is required to add this course after first week of classes. — 3 credits
0101 TuTh.....9:30am-11:00am (EDU 3233) — McEwen, M
0201 TuTh.....12:30pm- 2:00pm (EDU 3233) — McEwen, M
0301 W.....4:15pm- 7:00pm (EDU 3233) — McEwen, M

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG; Minority peer counseling. Instructor permission required to add this course after first week of classes. — 3 credits
0101 M.....2:00pm- 4:45pm (HBK 0125) — Molla, B

EDCP386 (PermReq) Field Work; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec.10, 1986. Concurrent enrollment in EDCP 387 is required. — 2 credits
0101 Time and room to be arranged — McEwen, M

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec.10,1986. Concurrent enrollment in EDCP 386 is required. — 1 credit
0101 Time and room to be arranged — McEwen, M

EDCP411 Mental Hygiene; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) — Greenberg, K

EDCP413 Behavior Modification; Grade Method: REG/P-F/AUD; — 3 credits
0201 W.....7:00pm- 9:45pm (EDU 0114) — Pumroy, D

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-11:00am (EDU 2102) — Allan, T
0201 TuTh.....3:30pm- 4:45pm (COL 0100) — Kruger, K

EDCP460 Introduction to Rehabilitation Counseling; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0114) — Lawrence, R

EDCP470 Introduction to Student Personnel; Grade Method: REG/P-F/AUD; 0101 recommended for orientation advisors only; 0201, 0301, 0401, 0501, 0601 recommended for para-professionals in the residence halls. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HBK 1112) — Strumpf, G
0201 Time and room to be arranged — Harvey, P
0301 TuTh.....9:30am-10:45am (EDU 0206) — Harvey, P
0401 Time and room to be arranged — Harvey, P
0501 Time and room to be arranged — Harvey, P
0601 Time and room to be arranged — Harvey, P

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec.10,1986. — 1-4 credits
0101 Time and room to be arranged — McEwen, M
1901 Time and room to be arranged — Pumroy, D

EDCP499L (PermReq) Workshops, Clinics, Institutes: Leading Relationship Skills Workshops; Grade Method: REG; Prerequisite: EDCP 499P. — 1-3 credits
0101 Meets 01/28/87 - 05/06/87 — STAFF
W.....9:00am-10:00am (Arranged)
Tu.....6:30pm- 8:30pm (Arranged) LAB
0201 Meets 01/27/87 - 05/05/87 — STAFF
W.....9:00am-10:00pm (Arranged)
W.....6:30pm- 8:30pm (Arranged) LAB
0301 Meets 01/27/87 - 05/05/87 — STAFF
Time and room to be arranged LAB

EDCP499P Workshops, Clinics, Institutes: Preparation to Lead a Relationship Skills Workshop; Grade Method: REG/P-F/AUD; Prerequisite: EDCP 108W or EDCP 499R. — 1-6 credits
0101 Time and room to be arranged — STAFF

EDCP499R Workshops, Clinics, Institutes: Leading Relationship Skills Workshops - Advanced; Grade Method: REG; — 1-3 credits
0101 Time and room to be arranged — STAFF

EDCP499Z Workshops, Clinics, Institutes: Training and Supervising Workshop Leaders; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — STAFF

EDCP606 Counseling Adults in Transition; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (TWS 2228) — Schlossberg, N

EDCP610 Professional Orientation; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (TWS 2230) — Lawrence, R

EDCP611 Career Development Theory and Programs; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0114) — STAFF

EDCP616 Counseling II: Theory and Practice; Grade Method: REG/AUD; Restricted to EDCP majors only. Prerequisite: EDCP 615. Graduate students only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ARC 1103) — Hoffman, M

EDCP619C (PermReq) Practicum in Counseling; Grade Method: REG/AUD; Limited to community counseling. — 2-6 credits
0101 Th.....9:30am-12:00pm (EDU 1203) — Mullison, D
0201 Tu.....4:15pm- 7:00pm (JMZ 1125) — Medvene, A
0301 Th.....12:30pm- 3:15pm (EDU 3236) — Spokane, A

EDCP619R (PermReq) Practicum in Counseling: Community-Rehabilitation Counseling; Grade Method: REG; Limited to rehabilitation counseling. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1211) — Lawrence, R

EDCP619S (PermReq) Practicum in Counseling: Schools; Grade Method: REG; Limited to school counseling. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1211) — Greenberg, K
0201 W.....7:00pm- 9:45pm (EDU 3233) — Rhoads, D

EDCP619U (PermReq) Practicum in Counseling; Grade Method: REG; Limited to CSPA majors only. — 3 credits
0101 Th.....2:00pm- 5:00pm (SHM 1108) — STAFF
0201 M.....10:00am- 1:00pm (Arranged) — Lucas, M

EDCP625 Counseling the Chemically Dependent; Grade Method: REG/AUD; — 3 credits
0101 Tu.....12:15pm- 3:15pm (EDU 2102) — Wood, B

EDCP627 (PermReq) Process Consultation; Grade Method: REG; Prerequisite: graduate course in group process. — 3 credits
0101 Tu.....4:15pm- 7:00pm (TWS 2228) — Blimline, C

EDCP634 Diagnostic Appraisal of Children II; Grade Method: REG/AUD; Prerequisite: EDCP 633. — 4 credits
0101 Th.....9:30am-12:15pm (EDU 3236) — Teglasi-Golubco

EDCP636 Therapeutic Techniques and Classroom Management II; Grade Method: REG/AUD; Prerequisite: EDCP 635. — 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 2102) — Pumroy, D

EDCP655 Organization and Administration of Personnel Services; Grade Method: REG; Time and room to be arranged — 2 credits
0101 STAFF

EDCP656 Counseling and Personnel Services Seminar; Grade Method: REG/AUD; — 2 credits
0101 Th.....4:15pm- 7:00pm (EDU 3236) — Rhoads, D
0201 Tu.....4:15pm- 7:00pm (EDU 3236) — Greenberg, K

EDCP662 Medical Aspects of Disability; Grade Method: REG; — 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 3233) — Lawrence, R

EDCP668B Special Topics in Rehabilitation: Vocational Assessment; Grade Method: REG; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0202) — Power, P

EDCP716 Advanced Counseling Theory Seminar; Grade Method: REG; — 3 credits
0101 Th.....1:00pm- 4:00pm (EDU 1121) — Hoffman, M

EDCP718 (PermReq) Advanced Seminar in Group Processes; Grade Method: REG; — 3 credits
0101 M.....9:00am-12:00pm (EDU 3236) — Waldo, M

EDCP726 Practicum in Individual Testing I; Grade Method: REG/AUD; Prerequisite: EDMS 622. — 3 credits
0101 M.....1:00pm- 3:45pm (EDU 2203) — Strein, W

EDCP771 The College Student; Grade Method: REG/AUD; Limited to Master's CSPA students. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2102) — McEwen, M

EDCP776 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG; — 3 credits
0101 Tu.....9:00am-12:00pm (EDU 3236) — Hoffman, M
0201 Tu.....9:00am-12:00pm (EDU 0210) — Birk, J

EDCP778 (PermReq) Research Proposal Seminar; Grade Method: REG/AUD; EDCP Doctoral students. — 3 credits
0101 M.....7:00pm-10:00pm (SHM 1103) — Magoon, T

EDCP778B Research Proposal Seminar; Grade Method: REG; Limited to EDCP M.Ed. students. — 3 credits
0101 Time and room to be arranged — Power, P

EDCP789B Advanced Topics in Counseling and Personnel Services: Advanced Career Practicum; Grade Method: REG; — 3 credits
0101 Th.....4:15pm- 7:00pm (TWS 2228) — Spokane, A

EDCP789E Advanced Topics in Counseling and Personnel Services: Designing Career Development Programs for Business and Industry; Grade Method: REG; Prerequisite: EDCP 611. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1107) — Leibowitz, Z

EDCP789N Advanced Topics in Counseling and Personnel Services: Therapeutic Approaches with Children - Practicum; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) — Strein, W

EDCP789R Advanced Topics in Counseling and Personnel Services: Counseling Skills; Grade Method: REG; To be taken concurrently with EDCP 616. — 1 credit
0101 Tu.....7:00pm- 8:00pm (EDU 0114) — STAFF

EDCP789S Advanced Topics in Counseling and Personnel Services: Supervision Theory and Practicum; Grade Method: REG; For non-majors only. — 3 credits
0101 W.....9:00am-12:00pm (EDU 3236) — Birk, J

EDCP789T Advanced Topics in Counseling and Personnel Services: Practicum in Assessment; Grade Method: REG/AUD; Concurrent enrollment in EDCP 634 required. — 2 credits
0101 Tu.....9:30am-12:00pm (EDU 1315) — Teglasi-Golubco

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Advanced Process in Consultation: Theory and Practicum; Grade Method: REG; — 3 credits
0101 M.....1:30pm- 4:30pm (Arranged) — STAFF

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP888U Apprenticeship in Counseling and Personnel Services: Practicum in Student Personnel Administration; Grade Method: REG; Restricted to 2nd year MA Students in CSPA. Prerequisite: EDCP 610U and EDCP 771. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3236) — Stewart, G

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## EDHD Education, Human Development (Education)

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EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/AUD; Elementary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. — 6 credits
0101 WF.....12:00pm- 2:00pm (EDU 3315) — Seefeldt, C
M.....8:00am- 1:00pm (Arranged) LAB
0201 MW.....12:00pm- 2:00pm (EDU 2101) — Taylor, A
Tu.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....9:00am-11:00am (EDU 3315) — Rogolsky, S
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD; Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. — 6 credits
0601 MW.....9:00am-11:00am (EDU 3315) — Gardner, A
Tu.....8:00am- 1:00pm (Arranged) LAB
0701 MF.....12:00pm- 2:00pm (EDU 2102) — Eliot, J
W.....8:00am- 1:00pm (Arranged) LAB
0801 MF.....10:00am-12:00pm (EDU 2102) — Ortman, P
W.....8:00am- 1:00pm (Arranged) LAB

EDHD306 A Study of Human Behavior; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (EDU 3233) — STAFF
0201 MWF.....12:00pm-12:50pm (EDU 0202) — STAFF
0301 TuTh.....12:30pm- 1:45pm (EDU 3315) — STAFF
0401 TuTh.....9:30am-10:45am (EDU 0202) — STAFF

EDHD320 Human Development Through the Lifespan; Grade Method: REG/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EDU 2102) — STAFF
0201 TuTh.....11:00am-12:15pm (EDU 2101) — Torney-Purta, J
0301 TuTh.....12:30pm- 1:45pm (EDU 2101) — STAFF
0401 TuTh.....2:00pm- 3:15pm (EDU 3315) — STAFF

EDHD330 Human Development and Societal Institutions; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 2101) — Grambs, J

EDHD340 Human Development Aspects of the Helping Relationship; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 3315) — Flatter, C

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 3233) — Milhollan, F
0201 TuTh.....12:30pm- 1:45pm (EDU 0206) — Green, H

EDHD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3315) — Grambs, J

EDHD411 Child Growth and Development; Grade Method: REG/AUD; Student must keep open 1 hour during a morning to be arranged. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 1315) — STAFF
0201 MWF.....12:00pm-12:50pm (EDU 2119) — STAFF

EDHD413 Adolescent Development; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 0210) — STAFF
0201 Tu.....4:15pm- 7:00pm (EDU 2102) — Gardner, A

EDHD419B Human Development and Learning in School Settings: Human Development and Learning; Grade Method: REG/AUD; Intended for students who enrolled in EDHD 419A in Fall 1986. — 3 credits
0101 Tu.....9:00am-11:00am (EDU 1107) — Holloway, S
W.....8:00am- 1:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) — Marcus, R
0201 TuTh.....2:00pm- 3:15pm (EDU 0206) — Taylor, A
0301 MWF.....10:00am-10:50am (EDU 2119) — STAFF
0401 M.....4:15pm- 7:00pm (EDU 3315) — STAFF
0501 TuTh.....11:00am-12:15pm (EDU 2119) — STAFF

EDHD460 Educational Psychology; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0118) — Bennett, S
0201 MW.....3:00pm- 4:15pm (EDU 3315) — Holloway, S

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3315) — Flatter, C

EDHD603 Integrative Bases of Behavior; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2101) — Milhollan, F

EDHD610 Physiological Aspects of Aging; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3315) — Robertson-Tchab

EDHD630 Cognitive Processes During Aging; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1215) — Robertson-Tchab

EDHD701 Training the Parent Educator; Grade Method: REG/AUD; Prerequisite: course in child development at 400 level or above. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) — Tyler, B

EDHD711 Peer-culture and Group Processes in Human Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1215) — Flatter, C

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) — Eliot, J

EDHD741 Conflict Resolution in Divorce Settlement; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 3315) — Hunt, E

EDHD779B Special Topics in Human Development: Team Research in Psychophysiology of Individual Differences; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3315) — Porges, S

EDHD779D Special Topics in Human Development: Teaching-Learning in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0210) — Robertson-Tchab

EDHD779E Special Topics in Human Development: Physiological Lab in Psychology of Affect; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (TWS 1202) — Fox, N

EDHD779X Special Topics in Human Development: Team Research in Learning Environments; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1109) — Bennett, S

EDHD779Z Special Topics in Human Development: Sex Differences in Human Development; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (TWS 1202) — Grambs, J

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1203) — Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD; Contact instructor prior to registration. — 3-8 credits
1401 Time and room to be arranged — Hunt, E
2501 W.....4:15pm- 7:00pm (EDU 2119) — Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD811 Physical Processes in Human Development II; Grade Method: REG/AUD; Limited to doctoral students. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2101) Fox, N

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3215) Torney-Purta, J

EDHD821 Socialization Processes in Human Development II; Grade Method: REG/AUD; Limited to doctoral students. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2101) Marcus, R

EDHD830 Self Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2203) Rogolsky, S

EDHD860 Synthesis of Human Development Concepts; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2101) Green, H

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-8 credits

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## EDIT Industrial, Technological and Occupational E (Education)

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EDIT101 Mechanical Drawing I; Grade Method: REG/AUD; 2 credits
0101 MW.....11:00am- 1:00pm (JMP 2229) STAFF
MW.....11:00am- 1:00pm (JMP 2229) LAB
0201 TuTh.....11:00am- 1:00pm (JMP 2229) STAFF
TuTh.....11:00am- 1:00pm (JMP 2229) LAB
0301 TuTh.....9:00am-11:00am (JMP 2229) STAFF
TuTh.....9:00am-11:00am (JMP 2229) LAB
0401 TuTh.....3:00pm- 5:00pm (JMP 2229) STAFF
TuTh.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 1210) Smith, J
MWF.....8:00am-10:00am (JMP 1210) LAB
0201 TuTh.....9:00am-12:00pm (JMP 1210) Smith, J
TuTh.....9:00am-12:00pm (JMP 1210) LAB

EDIT106 Teaching Creative Construction Activities I; Grade Method: REG; 3 credits
0101 MW.....9:00am-12:00pm (JMP 2120) STAFF
MW.....9:00am-12:00pm (JMP 2120) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....8:00am- 8:50am (JMP 2115) Spear, M
0201 MTuWTh.....2:00pm- 2:50pm (JMP 2115) Peters, R
0401 MTuWTh.....9:00am- 9:50am (JMP 2115) Spear, M

EDIT115 Intermediate Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....1:00pm- 1:50pm (JMP 2115) Marschall, S

EDIT117 Principles of Shorthand II; Grade Method: REG; 3 credits
0101 MWF.....10:00am-10:50am (JMP 2115) Spear, M
MWF.....11:00am-11:50am (JMP 2115) LAB

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD; 2 credits
0101 MW.....3:00pm- 5:00pm (JMP 2229) STAFF
MW.....3:00pm- 5:00pm (JMP 2229) LAB
0201 TuTh.....1:00pm- 3:00pm (JMP 2229) STAFF
TuTh.....1:00pm- 3:00pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD; 3 credits
0201 MW.....6:00pm- 9:00pm (JMP 2201) Wall, J
MW.....6:00pm- 9:00pm (JMP 2201) LAB
0301 MWF.....10:00am-12:00pm (JMP 2201) Milligan, D
MWF.....10:00am-12:00pm (JMP 2201) LAB
0501 TuTh.....1:00pm- 4:00pm (JMP 2201) Milligan, D
TuTh.....1:00pm- 4:00pm (JMP 2201) LAB

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD; 2 credits
0201 MW.....9:00am-11:00am (JMP 2108) STAFF
MW.....9:00am-11:00am (JMP 2108) LAB
0401 MW.....11:00am- 1:00pm (JMP 2108) STAFF
MW.....11:00am- 1:00pm (JMP 2108) LAB
0601 M.....6:00pm-10:00pm (JMP 2108) STAFF
M.....6:00pm-10:00pm (JMP 2108) LAB
0801 Tu.....6:00pm-10:00pm (JMP 2229) STAFF
Tu.....6:00pm-10:00pm (JMP 2229) LAB
1001 TuTh.....11:00am- 1:00pm (JMP 2108) STAFF
TuTh.....11:00am- 1:00pm (JMP 2108) LAB
1201 TuTh.....1:00pm- 3:00pm (JMP 2108) STAFF
TuTh.....1:00pm- 3:00pm (JMP 2108) LAB
1401 W.....6:00pm-10:00pm (JMP 2108) STAFF
W.....6:00pm-10:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD; Prerequisite: 102 or permission of instructor. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1210) Smith, J
TuTh.....1:00pm- 4:00pm (JMP 1210) LAB

EDIT210 Foundry; Grade Method: REG/P-F/AUD; Students must also register for same section of EDIN 223. 1 credit
0101 Th.....6:00pm-10:00pm (JMP 1109) Strenge, J
Th.....6:00pm-10:00pm (JMP 1108) LAB
0301 TuTh.....1:00pm- 3:00pm (JMP 1109) Strenge, J
TuTh.....1:00pm- 3:00pm (JMP 1109) LAB

EDIT215 Survey of Office Machines; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 4:30pm (JMP 3225A) Spear, M

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD; Students must also register for EDIT 210. 1 credit
0101 Time and room to be arranged Strenge, J
0301 Time and room to be arranged Strenge, J

EDIT224 Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD; Student must see instructor during first week of classes. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT226 Fundamental Metalworking Processes; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....9:00am-12:00pm (JMP 3201) Swartzlander, L
TuTh.....9:00am-12:00pm (JMP 1225) LAB

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 127 or equivalent. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2201) Milligan, D

EDIT231 Mechanical Drawing III; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....9:00am-11:00am (JMP 2108) STAFF
TuTh.....9:00am-11:00am (JMP 2108) LAB

EDIT232 Fundamentals of Automotive Technology; Grade Method: REG/P-F/AUD; For non-industrial education majors. 3 credits
0101 MWF.....2:00pm- 4:00pm (JMP 2123) Edmondson, P
MWF.....2:00pm- 4:00pm (JMP 1229) LAB
0201 MWF.....10:00am-12:00pm (JMP 2123) Jones, B
MWF.....10:00am-12:00pm (JMP 1229) LAB
0301 TuTh.....9:00am-12:00pm (JMP 2123) Jones, B
TuTh.....9:00am-12:00pm (JMP 1229) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2123) Aumiller, L
MWF.....8:00am-10:00am (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2202) STAFF
MWF.....8:00am-10:00am (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) STAFF
MWF.....10:00am-12:00pm (JMP 2222) LAB
0301 MWF.....1:00pm- 3:00pm (JMP 2202) McLaughlin Jr.,
MWF.....1:00pm- 3:00pm (JMP 2222) LAB
0401 MW.....3:00pm- 6:00pm (JMP 2202) McLaughlin Jr.,
MW.....3:00pm- 6:00pm (JMP 2222) LAB
0501 MW.....7:00pm-10:00pm (JMP 2202) McLaughlin Jr.,
MW.....7:00pm-10:00pm (JMP 2222) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....9:00am-11:00am (JMP 2229) STAFF
MW.....9:00am-11:00am (JMP 2229) LAB
0201 MW.....1:00pm- 3:00pm (JMP 2229) STAFF
MW.....1:00pm- 3:00pm (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm- 3:00pm (JMP 1109) Strenge, J
MW.....12:00pm- 3:00pm (JMP 1120) LAB
0301 TuTh.....9:00am-12:00pm (JMP 1109) Strenge, J
TuTh.....9:00am-12:00pm (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG; Reserve one morning per week for visitations. For majors in business education, industrial arts, and vocational technical education and/or pre-education students entering above fields of study. 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3105) Inana, M
Time and room to be arranged LAB

EDIT273 Practicum in Ceramics; Grade Method: REG/P-F/AUD; For art majors or permission of instructor 3 credits
0101 MWF.....1:00pm- 3:00pm (JMP 2120) McWhinnie, H

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1202) Mason, R
TuTh.....9:00am-12:00pm (JMP 1216) LAB
0201 TuTh.....1:00pm- 4:00pm (JMP 2202) Mason, R
TuTh.....1:00pm- 4:00pm (JMP 1216) LAB
0301 MW.....1:00pm- 4:00pm (JMP 1202) Mason, R
MW.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT302 Woodworking Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-12:00pm (JMP 1210) Smith, J
MWF.....10:00am-12:00pm (JMP 1210) LAB

EDIT324 Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD; Student must see instructor during first week of classes. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT327 Electronic Semi-Conductor Applications; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 127 or permission of instructor. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 2201) Milligan, D
MW.....1:00pm- 4:00pm (JMP 2201) LAB

EDIT332 Advanced Procedures in Automotive Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2123) Jones, B
TuTh.....1:00pm- 4:00pm (JMP 1229) LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2202) McLaughlin Jr.,
TuTh.....9:00am-12:00pm (JMP 2222) LAB

EDIT335 Continuous Tone Photographic Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 or consent of instructor. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 3225) Gilberti, A
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT340 Methods of Teaching Office Skills; Grade Method: REG; Course is 8 weeks. 3 credits
0101 Meets 01/26/87 - 03/25/87 Boyce, J
MWF.....2:00pm- 3:45pm (JMP 3106)

EDIT342 Curriculum, Instruction, and Observation: Home Economics Education; Grade Method: REG/P-F/AUD; Lab time will be arranged for Friday. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 3225A) Hultgren, F

EDIT344 Curriculum, Instruction, and Observation: Industrial Arts Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 4:00pm (JMP 3225) Luetkemeyer, J
Time and room to be arranged LAB

EDIT350 Methods of Teaching: Trades and Industry Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) Luetkemeyer, J

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-12:00pm (JMP 3105) Mason, R
MWF.....10:00am-12:00pm (JMP 1216) LAB

EDIT405 Business Communications; Grade Method: REG; 3 credits
0101 MWF.....12:00pm-12:50pm (JMP 2202) Spear, M

EDIT406 (PermReq) Word Processing; Grade Method: REG; For business education only. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3106) Marschall, S

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm-10:00pm (JMP 3105) Kiss, M

EDIT416 Financial and Economic Education II; Grade Method: REG; 3 credits
0101 MWF.....4:00pm- 6:00pm (JMP 3105) STAFF

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Stough, K

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) Hunter, A

EDIT426 Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. 3 credits
0101 M.....7:00pm-10:00pm (JMP 1202) Hunter, A

EDIT427 Experimental Electronics; Grade Method: REG; 2 credits
0101 Time and room to be arranged Milligan, D

EDIT432 Student Teaching: Business Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Peters, R

EDIT436 (PermReq) Analysis of Child Development Laboratory Practices; Grade Method: REG/P-F/AUD; Concurrent registration in: FMCD 332 or EDHD 411 and EDHD 425. Consent of instructor required. Save half day a.m. on Tuesday or Thursday. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3105) Inana, M
Time and room to be arranged LAB

EDIT440 Industrial Hygiene; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm-10:00pm (JMP 2202) Wilkinson, T

EDIT442 Student Teaching: Home Economics Education; Grade Method: S-F; 2-12 credits
0501 Time and room to be arranged Hultgren, F

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD; Must have at least 56 credits to register. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD; Must have at least 56 credits earned to register. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) Ashley, R
0201 W.....7:00pm-10:00pm (JMP 3225) Ashley, R

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3201) Beatty, C

EDIT452 Student Teaching: Marketing and Distributive Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Anderson, C

EDIT453 Fire Safety Research and Transfer; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (JMP 3104) Walz, B

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3201) Stough, K

EDIT460 Design Illustrating II; Grade Method: REG/P-F/AUD; 2 credits
0201 TuTh.....3:00pm- 5:00pm (JMP 2108) STAFF
TuTh.....3:00pm- 5:00pm (JMP 2108) LAB

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 2202) Mietus, W

EDIT462 Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (JMP 3225) Day, G

EDIT464 Laboratory Organization and Management; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3105) Usiak, K
0301 MWF.....12:00pm-12:50pm (JMP 3201) STAFF

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. 3 credits
0101 Th.....7:00pm-10:00pm (JMP 1202) Hunter, A

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3105) Elkins, R

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3201) Luetkemeyer, J

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3104) Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3105) Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (JMP 3201) Sullivan, D
0201 MWF.....11:00am-11:50am (JMP 3201) Sullivan, D
0301 MWF.....12:00pm-12:50pm (JMP 3201) STAFF
0401 MWF.....1:00pm- 1:50pm (JMP 3201) Usiak, K

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Hultgren, F

EDIT485 Field Experiences in Business Education; Grade Method: REG; 3 credits
0101 Time and room to be arranged Peters, R

EDIT486 Field Experiences in Marketing and Distributive Education; Grade Method: REG; 3 credits
0101 Time and room to be arranged Anderson, C

EDIT488L Selected Topics in Education: Strategies of Teaching Critical and Creative Thinking; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3104) Hultgren, F

EDIT488Q (PermReq) Selected Topics in Education: Introduction to Office Technology; Grade Method: REG; Permission of instructor or EDIT 406 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3104) Boyce, J

EDIT488T Selected Topics in Education: Issues Confronting Families Past and Future - A Multidisciplinary Examination; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 1-3 credits
0301 TuTh.....1:00pm- 2:30pm (JMP 3104) Inana, M

EDIT488Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD; For EDIT or education juniors and seniors only, or by permission of instructor. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1109) Elkins, R

EDIT489P Field Experiences in Education: Career/Vocational Education for Handicapped-Practicum/Seminars; Grade Method: REG/P-F/AUD; Post student teaching. 1-3 credits
0101 Time and room to be arranged LAB Beatty, C
TBA (JMP 3225) DIS

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD; 1-3 credits
0101 W.....6:00pm- 7:00pm (JMP 3104) Mietus, W

EDIT499R Workshops, Clinics, and Institutes: Work Experience, Trade Advancement; Grade Method: REG/P-F/AUD; 1-6 credits
0101 Time and room to be arranged STAFF

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD; 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) Mietus, W

EDIT641 Content and Method of Industrial Arts; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) Maley, D

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm-10:00pm (JMP 3105) Kiss, M

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD; 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) Mietus, W

EDIT742 Theory and Research in Business Education; Grade Method: REG/AUD; 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Peters, R

EDIT788Z (PermReq) Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1109) Elkins, R

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT798D (PermReq) Special Problems in Education: Joint Vocational Seminar in Career Education for the Handicapped; Grade Method: REG/AUD; Instructors are D. Neubert and C. Beatty. 3 credits
0101 Tu.....6:00pm- 9:00pm (JMP 3225) Neubert, D

EDIT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDIT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## EDMS Measurement, Statistics, and Evaluation (Education)

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EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Limited to students with cumulative credits of 60. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 4233) STAFF
0201 TuTh.....11:00am-12:15pm (EDU 4233) STAFF
0301 TuTh.....2:00pm- 3:15pm (EDU 4233) STAFF
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) Benson, J
0501 MW.....12:30pm- 1:45pm (EDU 4233) STAFF
0601 MW.....11:00am-12:15pm (EDU 4233) STAFF
0701 TuTh.....9:30am-10:45am (EDU 4233) STAFF

EDMS465 Algorithmic Methods in Educational Research; Grade Method: REG/AUD; Prerequisite: An introductory statistics course. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1203) Schafer, W

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 8:40pm (ASY 2203) Owings, M
M.....5:00pm- 6:40pm (ASY 3217) LAB
0102 Th.....7:00pm- 8:40pm (ASY 2203) Owings, M
M.....7:00pm- 8:40pm (EDU 4233) LAB
0103 Th.....7:00pm- 8:40pm (ASY 2203) Owings, M
Tu.....5:00pm- 6:40pm (ASY 3211) LAB

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD; Prerequisite: EDMS 645. — 3 credits
0101 Th.....5:00pm- 6:40pm (ASY 2203) Benson, J
M.....5:00pm- 6:40pm (ASY 3215) LAB
0102 Th.....5:00pm- 6:40pm (ASY 2203) Benson, J
Tu.....5:00pm- 6:40pm (ASY 3217) LAB
0103 Th.....5:00pm- 6:40pm (ASY 2203) Benson, J
Tu.....7:00pm- 8:40pm (EDU 4233) LAB

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD; Prerequisite: EDMS 646 or 451. — 3 credits
0101 MW.....4:15pm- 5:30pm (EDU 4233) Schafer, W
0201 TuTh.....4:15pm- 5:30pm (EDU 4233) Johnson, C

EDMS653 Correlation and Regression Analysis; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3219) Dayton, C

EDMS724 Measurement Theory II; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged DIS Lissitz, R

EDMS769J Special Topics in Applied Statistics in Education: Computer-Based Assessment; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (Arranged) Johnson, C

EDMS771 Design of Experiments; Grade Method: REG/AUD; Prerequisite: EDMS 651. — 3 credits
0101 MW.....4:15pm- 5:30pm (ASY 3219) Dayton, C

EDMS798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS879 Doctoral Seminar; Grade Method: REG/AUD; Prerequisite: Advanced standing in doctoral program. — 1-3 credits
0401 Time and room to be arranged Benson, J

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## EDPA Education Policy, Planning and Administratio (Education)

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EDPA210 Historical and Philosophical Perspectives On Education; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) Noll, J

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EDU 0114) Noll, J
0201 MWF.....10:00am-10:50am (EDU 0114) Noll, J
0301 TuTh.....9:30am-10:45am (EDU 0114) Huden, D
0401 TuTh.....11:00am-12:15pm (EDU 0114) Huden, D
0501 TuTh.....12:30pm- 1:45pm (EDU 0114) Male, G
0601 TuTh.....2:00pm- 3:15pm (EDU 2101) Male, G
0701 Th.....4:15pm- 7:00pm (EDU 1121) Agre, G
0801 Tu.....7:00pm- 9:45pm (EDU 0210) Agre, G

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3233) Lindsay, R
0201 Th.....4:15pm- 7:00pm (EDU 1107) Splaine, J

EDPA440 Utilization of Educational Media; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0202) Splaine, J

EDPA488G Special Topics in Education Policy and Administration: Technology, Social Change and Education; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credit
0101 Tu.....7:00pm- 9:45pm (EDU 2119) Splaine, J

EDPA489 Field Experiences in Education; Grade Method: REG/P-F/AUD; Contact instructor prior to registration. — 1-4 credits
0101 Time and room to be arranged Andrews Jr., J

EDPA498 Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA611 History of Education in the United States; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0210) Finkelstein, B

EDPA614 Politics of Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1121) Agre, G

EDPA622 Values, Ideology, and Education Policy; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2123) Huden, D

EDPA634 The School Curriculum; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2102) Selden, S

EDPA635 Principles of Curriculum Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (ARC 1127) King, N

EDPA642 Instructional Systems Development; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) Brand, C

EDPA660 Administrative Foundations; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2119) Intriligator, B

EDPA662 Administrative Processes; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0122) McLoone, E

EDPA663 Policy Formulation in Education; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2119) Intriligator, B

EDPA665 The Organization and Administration of Secondary Schools; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 0202) Goldman, H

EDPA666 Administration and Supervision in Elementary Schools; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2203) Dudley, J

EDPA671 Elementary and Secondary School Law; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) Clague, M

EDPA679 Seminar in Educational Administration and Supervision; Grade Method: REG/AUD; — 2-4 credits
0101 Tu.....4:15pm- 7:00pm (ARC 1121) Goldman, H

EDPA700 Qualitative Research Methods in Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1315) Hopkins, R

EDPA738 Scholarly Thought and Contemporary Curriculum; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) Selden, S

EDPA754 Higher Education Finance; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2119) Schmidtlein, F

EDPA755 Federal Policies in Post-Secondary Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 0206) Lee, J

EDPA756 Curriculum in Higher Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2122) Selden, S

EDPA759 Seminar in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 0125) Stewart, D

EDPA788A Special Topics in Education Policy and Administration: Future Trends in Education: Urbanization, Demographics, and Health Related Issues; Grade Method: REG/AUD; Meets alternate Thursdays beginning January 29. — 1 credit
0101 Th.....4:15pm- 7:00pm (Arranged) Carbone, R

EDPA788G Special Topics in Education Policy and Administration: Interorganizational Relationships; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JRN 1105) Intriligator, B

EDPA788J Special Topics in Education Policy and Administration: Education and Society in Developing Countries; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) Hopkins, R

EDPA788K Special Topics in Education Policy and Administration: Application of Management Techniques in Higher Education Decision-Making; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0204) Larson, J

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA805 Seminar in Comparative Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2101) Male, G

EDPA837 Curriculum Theory and Research; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) Berman, L

EDPA889 Internship in Education; Grade Method: REG/AUD; Consent of advisor; recommended that school administration/supervision majors register for section 0101; curriculum theory, 0201; higher/adult education, 0301; social foundations, 0401. — 3-8 credits
0101 Time and room to be arranged LAB Andrews Jr., J
0201 Time and room to be arranged LAB King, N
0301 Time and room to be arranged LAB Carbone, R
0401 Time and room to be arranged LAB Lindsay, R

EDPA895 Research Critique Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) Berman, L

EDPA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## EDSP Education, Special (Education)

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EDSP210 Introduction to Special Education; Grade Method: REG/AUD; — 3 credits
0101 MW.....1:00pm- 2:30pm (EDU 0114) Graham, S

EDSP330 Families and the Education of Handicapped Children; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 470. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 TuTh.....2:45pm- 4:15pm (EDU 2119) Gradel, K

EDSP331 Introduction to Curriculum and Instructional Methods in Special Education; Grade Method: REG/AUD; Prerequisites: EDSP 320, EDSP 321, EDSP 322. Co-requisite: EDSP 333. Pre-special education and special education majors only. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 2119) Leone, P
0201 MW.....1:15pm- 2:45pm (EDU 0210) Cooper, D

EDSP332 Interdisciplinary Communication in Special Education; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 470. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 2119) Kohl, F

EDSP333 Field Placement in Special Education II; Grade Method: REG/AUD; Students must reserve two half days (8-1) for this experience. Co-requisite: EDSP 331. Prerequisite: EDSP 320, 321, 322. Pre-special education and special education majors only. — 3 credits
0101 F.....9:00am-10:30am (EDU 2101) STAFF
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 2101) STAFF
TuTh.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:30am-12:00pm (EDU 2101) STAFF
MW.....8:00am- 1:00pm (Arranged) LAB
0501 F.....10:30am-12:00pm (EDU 2101) STAFF
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP349 Student Teaching of Exceptional Children; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 8 credits
0101 Time and room to be arranged Amoia, C

EDSP403 Physical and Communication Development for Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 400. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 2120) Kohl, F

EDSP405 Field Placement: Severely Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 402. Co-requisites: EDSP 403 and EDSP 410. Students must reserve four half days (8-1) for this experience. Undergraduate students only. — 5 credits
0101 F.....9:00am-10:30am (EDU 1315) Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP405A Field Placement: Severely Handicapped II; Grade Method: REG/AUD; Open to special education graduate students only. — 2-5 credits
0201 Time and room to be arranged Kohl, F
0301 Time and room to be arranged Egel, A
0401 Time and room to be arranged Beckman, P
0501 Time and room to be arranged Gradel, K

EDSP410 Community Functioning Skills For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 400. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 0206) Gradel, K

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 Time and room to be arranged Amoia, C

EDSP418 Seminar: Issues and Research Related to the Instruction of the Severely Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Egel, A

EDSP422 Curriculum and Instruction in Early Childhood Special Education (Moderate to Mild: 3-8 Years); Grade Method: REG/AUD; Prerequisite: EDSP 420. Field placement required. Placement arranged for those students not concurrently enrolled in EDSP 424. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0206) Lieber, J

EDSP424 Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD; Prerequisite: EDSP 421. Co-requisite: EDSP 422. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. — 4 credits
0101 F.....10:30am-12:00pm (EDU 1315) Beckman, P
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP424A Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD; Special education graduate students only. — 2-4 credits
0101 Time and room to be arranged Beckman, P
0201 Time and room to be arranged Kohl, F
0301 Time and room to be arranged Lieber, J
0401 Time and room to be arranged Cooper, D

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 Time and room to be arranged Amoia, C

EDSP438 Seminar: Special Issues in Early Childhood Special Education; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Beckman, P
Time and room to be arranged LAB

EDSP440 Assessment and Instructional Design for the Educationally Handicapped: Cognitive and Psychosocial Development; Grade Method: REG/AUD; Prerequisites: EDSP 441 and EDSP 442. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 445. Pre-special education, special education, and graduate students only. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 1203) Harris, K

EDSP443 Assessment and Instructional Design for the Educationally Handicapped: Reading and Written Communication Disorders; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 320 and EDSP 321. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405 or 424 or 445 or 463. Pre-special education, special education majors and special education graduate students only. Recommended that EH and CV students register for Section 1; EC and SH students, Section 2. — 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 0114) Graham, S
0201 MW.....2:45pm- 4:15pm (EDU 2101) Lieber, J

EDSP445 Field Placement: Educationally Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 442. Co-requisite: EDSP 440 and EDSP 443. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. — 4 credits
0101 F.....9:00am-10:30am (EDU 0206) Graham, S
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP445A Field Placement: Educationally Handicapped II; Grade Method: REG/AUD; Special education graduate students only. — 2-4 credits
0101 Time and room to be arranged Graham, S
0201 Time and room to be arranged Leone, P
0301 Time and room to be arranged Harris, K
0401 Time and room to be arranged Speece, D
0501 Time and room to be arranged Cooper, D
0601 Time and room to be arranged Simms, B
0701 Time and room to be arranged Hebeler, J
0801 Time and room to be arranged Seidman, E

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 Time and room to be arranged Amoia, C

EDSP458 Seminar: Special Issues and Research Related to the Educationally Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Beckman, P

EDSP462 Career/Vocational Assessment and Instruction For the Mild to Moderately Handicapped I; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 463. Restricted to special education graduate students and pre-special education and special education majors. — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1215) Neubert, D

EDSP463 Field Placement: Career/Vocational II; Grade Method: REG/AUD; Prerequisite: EDSP 461. Corequisite: EDSP 462 and EDSP 443. Students must reserve two half days (8-1) for this experience. Pre-special education and special education majors only. — 3 credits
0101 MW.....8:00am- 1:00pm (Arranged) Amoia, C
F.....10:30am-12:00pm (EDU 0210) LAB
0201 TuTh.....8:00am- 1:00pm (Arranged) Amoia, C
F.....10:30am-12:00pm (EDU 0202) LAB

EDSP463A Field Placement: Career/Vocational II; Grade Method: REG/AUD; Special education graduate students only. — 2-3 credits
0101 Time and room to be arranged Neubert, D
0201 Time and room to be arranged Malouf, D

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 Time and room to be arranged Amoia, C

EDSP468 Special Topics Seminar in Career/Vocational Education For the Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Egel, A

EDSP470 Introduction to Special Education; Grade Method: REG/P-F/AUD; Not open to undergraduate special education majors. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 0114) Simms, B
0201 W.....4:15pm- 7:00pm (EDU 2102) Hebeler, J

EDSP472 Education of Exceptional Children: — 3 credits

Mentally Retarded; Grade Method: REG/AUD; Not open to undergraduate special education majors.
0101 W.....7:00pm- 9:45pm (EDU 2102) Hebeler, J

EDSP475 Education of the Slow Learner; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2119) Seidman, E

EDSP481 Characteristics of Exceptional Children: Gifted; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0208) Simms, B

EDSP483 Curriculum For Exceptional Children: Gifted; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) Simms, B

EDSP489 Field Experiences in Special Education; Grade Method: REG/P-F/AUD; 1-4 credits
0101 Time and room to be arranged Amoia, C

EDSP489D (PermReq) Field Experiences in Special Education: Career/Vocational Special Education Field Experience; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Neubert, D

EDSP492 Education of Exceptional Children: Perceptual Learning Problems; Grade Method: REG/P-F/AUD; Not open to undergraduate special education majors. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0204) Hebeler, J

EDSP498 Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP498B (PermReq) Special Problems in Teacher Education: Career Development and Advisement; Grade Method: REG/P-F/AUD; Limited to special education and pre-special education majors. 1-6 credits
0101 F.....12:00pm- 2:00pm (EDU 1315) STAFF

EDSP499C Workshops, Clinics, and Institutes in Special Education: Special Education: A Perspective for Counselors; Grade Method: REG; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0206) Seidman, E

EDSP499K Workshops, Clinics, and Institutes in Special Education: Microcomputers in Special Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) MacArthur, C

EDSP499M Workshops, Clinics, and Institutes in Special Education: Fundamentals of Sign Language I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:15pm- 5:30pm (EDU 0114) Aiello, E

EDSP499S Workshops, Clinics, and Institutes in Special Education: Fundamentals of Sign Language II; Grade Method: REG/P-F/AUD; Prerequisite: EDSP 499M or consent of instructor. 3 credits
0101 TuTh.....5:45pm- 7:00pm (EDU 0114) Aiello, E

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 0206) Speece, D

EDSP620 Educational Diagnosis and Planning For Exceptional Children and Youth; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1203) Speece, D

EDSP621 Psycho-Educational Programming with Emotionally Handicapped Children and Youth; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) Seidman, E

EDSP635 Problems in the Education of Children with Emotional Disturbances; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0210) Leone, P

EDSP640 Problems in the Education of Children with Perceptual Impairment; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1120) Harris, K

EDSP651 Program Planning and Instruction for Handicapped Children; Grade Method: REG/AUD; Co-requisite: EDSP 430 or equivalent. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1103) Beckman, P

EDSP678D Seminar in Special Education: Single Subject Research Design with the Handicapped; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0122) Egel, A

EDSP678G (PermReq) Seminar in Special Education: Joint Vocational Seminar in Career Education for the Handicapped; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 9:00pm (JMP 3225) Neubert, D

EDSP678J Seminar in Special Education: Legislative Processes in Special Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1203) McLaughlin, M

EDSP678Q Seminar in Special Education: Instructional Management Applications of Computers; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1203) MacArthur, C

EDSP678R Seminar in Special Education: Seminar Early Childhood Special Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1203) Cooper, D

EDSP678T (PermReq) Seminar in Special Education: Programming For the Developmentally Delayed Child: Medical and Genetic Implications; Grade Method: REG; Department permission required- Dr. Paula Beckman, EDSP. Course will meet approximately one half of sessions at Children's Hospital, Washington D.C 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2101) Rosenbaum, K

EDSP798 Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

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## EDUC Education (Education)

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EDUC388 Special Topics in Education: Guided Experiences in College Teaching II; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (TWS 2212) Greenberg, J
Time and room to be arranged LAB

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## ENAE Engineering, Aerospace (Engineering)

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ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....8:00am- 8:50am (CHM 1402) Yanta, W

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....9:00am- 9:50am (EGR 1202) Fabunmi, J

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (CHM 0127) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 MW.....1:00pm- 1:50pm (CHM 0127) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 MW.....1:00pm- 1:50pm (CHM 0127) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 MW.....1:00pm- 1:50pm (CHM 0127) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 MW.....1:00pm- 1:50pm (CHM 0127) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....4:00pm- 5:15pm (EGR 1202) Hong, Y

ENAE355 Aircraft Vibrations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 1104) Donaldson, B

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHM 0128) STAFF

ENAE398 (PermReq) Honors Research Project: Honors Research Project; Grade Method: REG/P-F; 3 credits
0101 Time and room to be arranged Barlow, J

ENAE402 Aerospace Laboratory III; Grade Method: REG/P-F/AUD; 1 credit
0101 Tu.....1:00pm- 1:50pm (CHE 2108) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 Tu.....1:00pm- 1:50pm (CHE 2108) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 Tu.....1:00pm- 1:50pm (CHE 2108) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 Tu.....1:00pm- 1:50pm (CHE 2108) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 Tu.....1:00pm- 1:50pm (CHE 2108) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 2102) Weissman, C

ENAE412 Design of Aerospace Vehicles; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....7:45am- 9:00am (EGR 1108) STAFF

ENAE415 Computer-aided Structural Design Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (CHM 0128) Chander, S

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....10:00am-10:50am (EGR 0108) Donaldson, B
M.....2:00pm- 5:00pm (CHM 0122) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0127) Krayterman, B

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0119) Fabunmi, J

ENAE462 Flight Propulsion II; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (EGR 1120) Waltrup, P

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (CHM 2201) Korkegi, R

ENAE472 Aerodynamics III; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....7:45am- 9:00am (EGR 3111) Wardlaw, A

ENAE473 Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3111) Melnik, W

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0119) Jones, E

ENAE488 Topics in Aerospace Engineering; Grade (PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAE488J Topics in Aerospace Engineering: Helicopter Theory I; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....12:30pm- 3:00pm (EGR 1110) Gessow, A

ENAE488T (PermReq) Topics in Aerospace Engineering: Manufacturing and Testing of Composite Materials; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Vizzini, T

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAE632 Helicopter Aerodynamics II; Grade Method: REG/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1106) STAFF

ENAE633 Helicopter Dynamics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3111) Chopra, I

ENAE634 Helicopter Design; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3102) STAFF

ENAE641 Flight Mechanics II; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENAE652 Finite Element Method in Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0102) Lee, S

ENAE657 Theory of Structural Stability; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (EGR 3102) Kushner, A

ENAE672 Aerodynamics of Incompressible Fluids; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:00pm- 5:15pm (EGR 2102) Chien, K

ENAE674 Aerodynamics of Compressible Fluids; Grade Method: REG/AUD; 3 credits
0101 TuTh.....7:45am- 9:00am (EGR 3114) Vamos, J

ENAE676 Aerodynamics of Viscous Fluids; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3114) Kibong, K

ENAE688 Seminar: Graduate Seminar; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Melnik, W

ENAE788 (PermReq) Selected Topics in Aerospace Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENAE788T (PermReq) Selected Topics in Aerospace Engineering: Manufacturing and Testing of Composite Materials; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Vizzini, T

ENAE799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## ENAG Engineering Agricultural (Agriculture)

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ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F; 2 credits
0101 M.....1:00pm- 1:50pm (SHR 0106) Grant, L
M.....2:00pm- 5:00pm (SHR 0108) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (HJP 0226) Yeck, R

ENAG424 Functional and Environmental Design of Agricultural Structures; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (SHR 1105) Muller Jr., R
F.....1:00pm- 3:00pm (SHR 1105) LAB

ENAG444 Functional Design of Machinery and Equipment; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) Liljedahl, L
W.....2:00pm- 4:00pm (SHR 1105) LAB

ENAG454 Biological Process Engineering; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....2:00pm- 3:15pm (SHR 1105) Johnson, A
Th.....3:30pm- 4:20pm (SHR 1105) LAB

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAG Mini Course Grad Series: ENAG 688B, 688E, 688F are a series of one credit courses for graduate students. Students may elect one or a combination but must enroll for each course separately, one credit per course. ENAG 688B begins Jan. 26 and ends Feb. 27; ENAG 688E begins March 2 and ends Apr. 10; ENAG 688F begins Apr. 13 and ends May 13. All courses in series meet at the same time and in the same room-MWF 11:00; SHR 0106.

ENAG688B Advanced Topics in Agricultural Engineering: Numerical Methods in Agricultural Engineering; Grade Method: REG/AUD; 1 credit
0101 Meets 01/26/87 - 02/27/87 Muller Jr., R
MWF.....11:00am-11:50am (SHR 0106)

ENAG688E Advanced Topics in Agricultural Engineering: Similitudes in Engineering; Grade Method: REG/AUD; Course meets from March 02 until April 10 (5 weeks - one credit). 1 credit
0101 Meets 03/02/87 - 04/10/87 Muller Jr., R
MWF.....11:00am-11:50am (SHR 0106)

ENAG688F Advanced Topics in Agricultural Engineering: Engineering Aspects of Environmental Control; Grade Method: REG/AUD; Course meets from April 13 until May 13 (5 weeks - one credit). 1 credit
0101 Meets 04/13/87 - 05/13/87 Yeck, R
MWF.....11:00am-11:50am (SHR 0106)

ENAG 688N and ENAG 688P are part of a continious series of one credit courses for graduate students. Students may elect one or a combination of the courses but must enroll for each course- one credit per course. ENAG 688N begins January 27 and ends February 26; ENAG 688P begins March 03 and ends April 09. All courses meet at same time and room - TuTh 1230-145pm; SHR 1105.

ENAG688N Advanced Topics in Agricultural Engineering: Aquatic System Design: Water Quality Maintenance; Grade Method: REG/AUD; 1 credit
0101 Meets 01/27/87 - 02/26/87 Wheaton, F
TuTh.....12:30pm- 1:45pm (SHR 1105)

ENAG688P Advanced Topics in Agricultural Engineering: Creative Approaches to Engineering Analysis; Grade Method: REG/AUD; Course begins MArch 03 and continues through April 09; (5 weeks - 1 credit). 1 credit
0101 Meets 03/03/87 - 04/09/87 Johnson, A
TuTh.....12:30pm- 1:45pm (SHR 1105)

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Technique for Teaching Agricultural Engineering; Grade Method: REG/AUD; 1 credit
0101 TBA (SHR 1112) Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD; 1 credit
0101 M.....12:00pm-12:50pm (SHR 0106) Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## ENCE Engineering, Civil (Engineering)

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ENCE221 (PermReq) Introduction to Environmental Engineering; Grade Method: REG/P-F/AUD; Prerequisite: one semester of Chemistry and physics. 3 credits
0201 TuTh.....9:30am-10:45am (EGR 0110) STAFF

ENCE280 (PermReq) Engineering Survey Measurements; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141 or concurrent registration. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 2154) STAFF
Tu.....2:00pm- 5:00pm (CHE 2145) LAB
0102 TuTh.....11:00am-12:15pm (EGR 2154) STAFF
Th.....2:00pm- 5:00pm (CHE 2145) LAB

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220 or concurrent registration. 3 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 0110) STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 0110) STAFF
W.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 TuTh.....1:00pm- 1:50pm (EGR 0110) STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220, ENES 221, PHYS 262. 3 credits
0101 MWF.....10:00am-10:50am (EGR 1108) STAFF
0201 MWF.....10:00am-10:50am (EGR 1106) STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1108) STAFF

ENCE350 (PermReq) Structural Analysis and Design I; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220, concurrent registration in ENCE 300. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2136) STAFF

ENCE351 (PermReq) Structural Analysis and Design II; Grade Method: REG/P-F/AUD; Prerequisites: ENCE 300, ENCE 350. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1108) STAFF

ENCE360 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; Prerequisite: MATH 241. 4 credits
0101 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
M.....2:00pm- 5:00pm (EGR 1108) LAB
0102 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
Tu.....2:00pm- 5:00pm (EGR 1108) LAB

ENCE370 Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD; Prerequisite: ENCE 280. — 3 credits
0201 MWF.....11:00am-11:50am (EGR 1108) STAFF

ENCE421 Construction Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 0110) Smith, M

ENCE430 Hydraulic Engineering and Open Channel Flow; Grade Method: REG/AUD; — 4 credits
0101 MWF.....11:00am-11:50am (EGR 1120) Sternberg, Y
Th.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE431 Surface Water Hydrology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1106) McCuen, R

ENCE441 Soil-Foundation Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1108) Aggour, M

ENCE442 Highway and Airfield Pavement Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1120) STAFF

ENCE450 Design of Steel Structures; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1106) Schelling, D

ENCE451 Design of Concrete Structures; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....11:00am-11:50am (EGR 1106) Ayyub, B
Tu.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE460 Modern Techniques For Structural Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am- 9:50am (EGR 1120) Chang, P
M.....2:00pm- 4:30pm (CHE 2140) LAB

ENCE461 Analysis of Civil Engineering Systems I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (EGR 1124) STAFF

ENCE463 Engineering Economics and System Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1120) STAFF

ENCE473 Air and Water Transportation Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1108) STAFF

ENCE474 Railroad Mass Transportation Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHM 0128) STAFF

ENCE489 Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENCE489D Special Problems: Construction Equipment and Methods; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1126) Bernold, L

ENCE489F Special Problems: Design of Construction Operations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1108) Halpin, D

ENCE489W Special Problems: Water Supply and Treatment; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1120) Walters, R

ENCE633 The Chemistry of Natural Waters; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 2154) Birkner, F

ENCE641 Advanced Foundations; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1110) Aggour, M

ENCE643 Stability of Earth Structures; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged STAFF

ENCE646 Rock Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MF.....3:30pm- 4:45pm (EGR 1106) Schwartz, C

ENCE656 Advanced Steel Design; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3102) Albrecht, P

ENCE661 Finite Element Techniques in Engineering Analysis; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3111) Wolde-Tinsae, A

ENCE671 Highway Traffic Operations; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 0102) STAFF

ENCE673 Urban Transportation; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3114) Perl, J

ENCE675 Airport Planning and Design; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1124) Schonfeld, P

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENCE688E Advanced Topics in Civil Engineering: Theory of Shells; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1110) Chang, P

ENCE688J Advanced Topics in Civil Engineering: Quantitative Methods in Construction Management; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1124) Halpin, D

ENCE688K Advanced Topics in Civil Engineering: Structural Reliability; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....9:30am-10:45am (EGR 2102) Ayyub, B

ENCE688L Advanced Topics in Civil Engineering: Construction Operation and Improvement; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1102) Smith, M

ENCE688Q Advanced Topics in Civil Engineering: Project Planning and Resource Allocation; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1124) Bernold, L

ENCE688Y Advanced Topics in Civil Engineering: Environmental Engineering Lab Studies; Grade Method: REG/AUD; — 2 credits
0101 Time and room to be arranged LAB Hao, O

ENCE689 Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENCE730 Environmental and Water Resource Systems II; Grade Method: REG/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1124) McCuen, R

ENCE732 Advanced Hydrologic Analysis; Grade Method: REG/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1124) Ragan, R

ENCE736 Theory of Aqueous and Solid Waste Treatment and Disposal; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1124) Hao, O

ENCE737 Industrial Wastes; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Walters, R

ENCE742 Site Investigation; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 9:00pm (EGR 3111) Rib, H

ENCE745 Advanced Pavement Design; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2102) Witczak, M

ENCE751 Advanced Problems in Structural Behavior; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3111) Schelling, D

ENCE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## ENCH Engineering, Chemical (Engineering)

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ENCH280 Transport Processes I: Fluid Mechanics; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....9:00am- 9:50am (CHE 2110) Regan, T

ENCH333 Chemical Engineering Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 W.....10:00am-10:50am (CHE 2136) Beckmann, R

ENCH427 Transport Processes III: Mass Transfer; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (CHE 2108) Gasner, L

ENCH440 Chemical Engineering Kinetics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CHE 2108) Regan, T

ENCH442 Chemical Engineering Systems Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2140) Smith, T
Th.....1:00pm- 4:00pm (CHE 1203) LAB
0102 TuTh.....11:00am-12:15pm (CHE 2140) Smith, T
Tu.....1:00pm- 4:00pm (CHE 1203) LAB

ENCH446 Process Engineering Economics and Design (PermReq) II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (CHE 2136) Beckmann, R
0201 MWF.....2:00pm- 2:50pm (CHE 2136) Beckmann, R

ENCH453 Applied Mathematics in Chemical Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2145) Gentry, J

ENCH454 Chemical Process Analysis and Optimization; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (CHE 2108) Halemane, K

ENCH468 Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENCH485 Biochemical Engineering Laboratory; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....,3:00pm- 3:50pm (CHE 2145) Wang, N

ENCH494 Polymer Technology Laboratory; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 5:00pm (CHE 1138) LAB STAFF

ENCH496 Processing of Polymer Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (CHE 2120) Calabrese, R

ENCH609 Graduate Seminar; Grade Method: REG/AUD; Advanced Special Students require department permission. — 1 credit
0101 F.....1:00pm- 2:50pm (CHE 2117) Gentry, J

ENCH610 Chemical Engineering Thermodynamics; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0101 MW.....3:30pm- 5:00pm (CHE 2120) Gasner, L

ENCH640 Advanced Chemical Reaction Kinetics; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:30pm (CHE 2136) Choi, K

ENCH648 Special Problems in Chemical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENCH648A Special Problems in Chemical Engineering: Food Irradiation; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:00pm (CHE 2140) Silverman, J
Time and room to be arranged DIS

ENCH648B Special Problems in Chemical Engineering: Topics in Advanced Control; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Zafiriou, E

ENCH730 Complex Equilibrium Stage Processes; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (CHE 2116) Asbjornsen, O

ENCH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCH899 Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## ENCO Engineering, Cooperative Education (Engineering)

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ENCO0408 Co-Op Internship; Grade Method: S-F; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — No credit
0101 Time and room to be arranged Ferrell, C

ENCO0409 Co-Op Internship; Grade Method: S-F; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — No credit
0101 Time and room to be arranged Ferrell, C

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## ENEE Engineering, Electrical (Engineering)

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ENEE204 Systems and Circuits I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. Engineering College (04) only. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0135) STAFF
M.....1:00pm- 1:50pm (EGR 1120) LAB
0102 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Tu.....8:00am- 8:50am (EGR 3110) LAB
0103 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Tu.....12:00pm-12:50pm (EGR 3110) LAB
0104 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....8:00am- 8:50am (CHE 2145) LAB
0105 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....12:00pm-12:50pm (EGR 1120) LAB
0106 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....2:00pm- 2:50pm (CHM 0122) LAB
0107 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Th.....8:00am- 8:50am (EGR 3108) LAB
0108 TuTh.....9:30am-10:45am (ARM 0135) STAFF
F.....8:00am- 8:50am (CHE 2145) LAB

ENEE250 Computer Structures; Grade Method: REG/P-F/AUD; Prerequisite: ENES 240. Engineering College (04) only. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
M.....8:00am- 8:50am (CHE 2145) LAB
0102 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
M.....12:00pm-12:50pm (EGR 1120) LAB
0103 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
M.....2:00pm- 2:50pm (EGR 1110) LAB
0104 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Tu.....9:00am- 9:50am (EGR 3110) LAB
0105 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Tu.....2:00pm- 2:50pm (EGR 1120) LAB
0106 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Th.....2:00pm- 2:50pm (EGR 1120) LAB
0107 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
F.....9:00am- 9:50am (CHE 2118) LAB
0108 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Th.....9:00am- 9:50am (EGR 3108) LAB

ENEE300 Principles of Electrical Engineering; Grade Method: REG/P-F/AUD; Prerequisites: MATH241 and PHYS263 Engineering College only (04). — 3 credits
0101 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Tu.....1:00pm- 1:50pm (EGR 3102) LAB
0102 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Th.....1:00pm- 1:50pm (EGR 3114) LAB
0105 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....8:00am- 8:50am (CHE 2118) LAB
0106 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....8:00am- 8:50am (CHE 2116) LAB
0107 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....9:00am- 9:50am (EGR 1120) LAB
0108 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....9:00am- 9:50am (CHE 2118) LAB
0109 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....2:00pm- 2:50pm (EGR 3114) LAB
0110 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....2:00pm- 2:50pm (ARM 0103) LAB

ENEE301 Electrical Engineering Laboratory; Grade Method: REG/P-F/AUD; Co-requisite: ENEE 300. Engineering College (04) only. — 1 credit
0101 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (EGL 0122) LAB
0102 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (EGL 0122) LAB
0103 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGL 0122) LAB
0104 F.....8:00am- 8:50am (CHE 2110) STAFF
F.....1:00pm- 3:00pm (EGL 0122) LAB
0105 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....10:00am-12:00pm (EGL 0122) LAB
0106 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....10:00am-12:00pm (EGL 0122) LAB

ENEE304 Systems and Circuits II; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 204; co-requisite: MATH 246. ENEE majors(09090) only. — 3 credits
0201 MWF.....8:00am- 8:50am (EGR 3106) STAFF
0301 MWF.....11:00am-11:50am (EGR 3106) STAFF
0401 MWF.....9:00am- 9:50am (EGR 3106) STAFF
0501 TuTh.....8:00am- 9:15am (EGR 3106) STAFF
0601 TuTh.....8:00am- 9:15am (EGR 1120) STAFF

ENEE305 Fundamental Laboratory; Grade Method: REG/P-F/AUD; Pre-requisite: ENEE 204. ENEE majors(09090) only. — 2 credits
0101 F.....12:00pm-12:50pm (ARM 0126) STAFF
M.....12:30pm- 3:30pm (EGL 0132) LAB
0102 F.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....8:00am-11:00am (EGL 0132) LAB
0103 F.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132) LAB
0104 F.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....8:00am-11:00am (EGL 0132) LAB
0105 F.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....12:00pm- 3:00pm (EGL 0132) LAB
0106 F.....12:00pm-12:50pm (ARM 0126) STAFF
W.....12:30pm- 3:30pm (EGL 0132) LAB
0107 F.....12:00pm-12:50pm (ARM 0126) STAFF
F.....1:00pm- 4:00pm (EGL 0132) LAB
0108 F.....12:00pm-12:50pm (ARM 0126) STAFF
F.....8:00am-11:00am (EGL 0132) LAB
0109 F.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....3:00pm- 6:00pm (EGL 0132) LAB

ENEE314 Electronic Circuits; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 304. ENEE majors (09090) only. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0110) STAFF
0201 MWF.....11:00am-11:50am (EGR 0135) STAFF
0301 TuTh.....8:00am- 9:15am (EGR 1108) STAFF
0401 TuTh.....5:00pm- 6:15pm (EGR 1104) STAFF
0501 MWF.....8:00am- 8:50am (EGR 0135) STAFF

ENEE322 Signal and System Theory; Grade Method: REG/P-F/AUD; Prerequisites: ENEE 204 and MATH 246. ENEE majors (09090) only. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0126) STAFF
Tu.....2:00pm- 4:00pm (EGR 1102) DIS
0102 TuTh.....11:00am-12:15pm (ARM 0126) STAFF
Tu.....4:00pm- 6:00pm (EGR 1102) DIS
0103 TuTh.....11:00am-12:15pm (ARM 0126) STAFF
W.....8:00am-10:00am (EGR 1102) DIS
0104 TuTh.....11:00am-12:15pm (ARM 0126) STAFF
Th.....8:00am-10:00am (EGR 3110) DIS
0201 TuTh.....11:00am-12:15pm (CHM 1402) STAFF
W.....10:00am-12:00pm (EGR 3108) DIS
0202 TuTh.....11:00am-12:15pm (CHM 1402) STAFF
W.....12:00pm- 2:00pm (EGR 1102) DIS
0203 TuTh.....11:00am-12:15pm (CHM 1402) STAFF
W.....2:00pm- 4:00pm (EGR 1108) DIS
0204 TuTh.....11:00am-12:15pm (CHM 1402) STAFF
W.....4:00pm- 6:00pm (CHE 2140) DIS

ENEE324 Engineering Probability; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 322. ENEE majors (09090) only. — 3 credits
0101 TuTh.....11:00am-11:50am (ARM 0135) STAFF
Tu.....2:00pm- 4:00pm (EGR 0104) DIS
0102 TuTh.....11:00am-11:50am (ARM 0135) STAFF
Tu.....4:00pm- 6:00pm (CHM 0122) DIS
0103 TuTh.....11:00am-11:50am (ARM 0135) STAFF
W.....8:00am-10:00am (EGR 0104) DIS
0104 TuTh.....11:00am-11:50am (ARM 0135) STAFF
Th.....8:00am-10:00am (EGR 0135) DIS
0105 TuTh.....11:00am-11:50am (ARM 0135) STAFF
W.....10:00am-12:00pm (CHM 0122) DIS
0106 TuTh.....11:00am-11:50am (ARM 0135) STAFF
W.....12:00pm- 2:00pm (CHM 0122) DIS
0107 TuTh.....11:00am-11:50am (ARM 0135) STAFF
W.....2:00pm- 4:00pm (CHM 0127) DIS
0108 TuTh.....11:00am-11:50am (ARM 0135) STAFF
W.....4:00pm- 6:00pm (CHM 0127) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG/P-F/AUD; Prerequisites: MATH 241 and PHYS 263. ENEE majors (09090). — 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1104) STAFF
0201 TuTh.....2:00pm- 3:15pm (EGR 1126) STAFF
0301 MWF.....10:00am-10:50am (EGR 0135) STAFF
0401 MWF.....11:00am-11:50am (EGR 0108) STAFF
0501 MW.....8:00am- 9:15am (EGR 1126) STAFF

ENEE381 Electromagnetic Wave Propagation; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 380. ENEE majors (09090) only. — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 0110) STAFF
0201 MWF.....1:00pm- 1:50pm (EGR 0108) STAFF
0301 MWF.....10:00am-10:50am (EGR 1126) STAFF
0401 TuTh.....11:00am-12:15pm (EGR 3106) STAFF
0501 TuTh.....8:00am- 9:15am (EGR 0110) STAFF
0601 TuTh.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE412 Advanced Electronics; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 314. ENEE majors (09090) only. — 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 0115) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 314. ENEE majors (09090) only. — 2 credits
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0122A) LAB
0102 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122A) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0122A) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 0122A) LAB
0105 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0122A) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:00pm- 3:00pm (EGL 0122A) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:00pm- 3:00pm (EGL 0122A) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....3:00pm- 6:00pm (EGL 0122A) LAB

ENEE418 Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. — 1-3 credits

ENEE418L Projects in Electrical Engineering: Electrical Machinery Laboratory; Grade Method: REG/P-F/AUD; Prerequisite: ENEE304. ENEE majors (09090) only. — 2 credits
0101 W.....1:00pm- 1:50pm (EGR 3110) STAFF
TBA (EGL 0132) LAB

ENEE419 Apprenticeship in Electrical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. — 2-3 credits

ENEE420 Communication Systems; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 324. ENEE majors (09090) only. — 3 credits
0101 MW.....12:30pm- 1:45pm (EGR 3106) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 2154) STAFF
0301 TuTh.....6:30pm- 7:45pm (EGR 3110) STAFF

ENEE425 Digital Signal Processing; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 322. ENEE majors (09090) only. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1126) STAFF
0201 MW.....3:30pm- 4:45pm (EGR 3110) STAFF
0301 MW.....5:00pm- 6:15pm (EGR 0110) STAFF

ENEE434 Introduction to Neural Networks and — 3 credits

(PermReq) Signals; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 204 or ENEE 300. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE440 Microprocessors; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Pre-requisite: ENEE 250. ENEE majors (09090) only.
0101 MWF.....8:00am- 8:50am (EGR 0108) STAFF
0201 TuTh.....8:00am- 9:15am (EGR 1104) STAFF
0301 Th.....6:45pm- 9:15pm (EGR 1108) STAFF

ENEE442 Software Engineering; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 0108) STAFF

ENEE444 Logic Design of Digital Systems; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 MW.....5:00pm- 6:15pm (EGR 1104) STAFF
0201 TuTh.....8:00am- 9:15am (EGR 0108) STAFF
0301 TuTh.....5:00pm- 6:15pm (EGR 0108) STAFF
0401 MW.....5:30pm- 6:45pm (EGR 1108) STAFF

ENEE445 Computer Laboratory; Grade Method: 2 credits
(PermReq) REG/P-F/AUD; Prerequisites: ENEE 444 and ENEE 305. ENEE majors (09090) only.
0101 Tu.....10:00am-10:50am (EGR 3110) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....10:00am-10:50am (EGR 3110) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB
0103 Tu.....10:00am-10:50am (EGR 3110) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 Digital Computer Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 1126) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 2154) STAFF
0301 M.....6:30pm- 9:15pm (EGR 0135) STAFF

ENEE450 Discrete Structures; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prequisite: ENES 240; ENEE majors(09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE462 Systems, Control and Computation; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisites: ENEE 304 and MATH 246. ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE480 Fundamentals of Solid State Electronics; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: ENEE 381. ENEE majors (09090) only.
0101 MWF.....9:00am- 9:50am (EGR 0108) STAFF

ENEE488D Topics in Electrical Engineering: Power 3 credits
(PermReq) Systems; Grade Method: REG/P-F/AUD; Prerequisites: ENEE 304 or ENEE 322. ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE488E Topics in Electrical Engineering: 3 credits
(PermReq) Fundamentals of Charged Particle Devices; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 381. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 1104) STAFF

ENEE488F Topics in Electrical Engineering: 3 credits
(PermReq) Stability of Power Systems; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 0108) STAFF

ENEE488G Topics in Electrical Engineering: 3 credits
(PermReq) Fundamentals in Microwave Devices; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 381; ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 0110) STAFF

ENEE488I Topics in Electrical Engineering: Power 3 credits
(PermReq) Electronics; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 314; ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 0110) STAFF

ENEE488J Topics in Electrical Engineering: 3 credits
(PermReq) Introduction to Integrated and Fiber Optics for Communications and Signal Processing; Grade Method: REG/P-F/AUD; Prequisite: ENEE 381; ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 1104) STAFF

ENEE488K Topics in Electrical Engineering: 3 credits
(PermReq) Electro-Technology in Medicine and Biology; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 380 and co-requisite: ENEE 381. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE488M Topics in Electrical Engineering: Random 3 credits
(PermReq) Processes in Communications and Control; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 324. ENEE majors only (09090).
0101 TuTh.....6:30pm- 7:45pm (EGR 1126) STAFF

ENEE495 Integrated Circuit Technology; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisite: ENEE 494 and ENEE majors (09090) only.
0101 MW.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE496 Lasers and Electro-optic Devices; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Co-requisite: ENEE 381. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE608C Graduate Seminar: Communications and 1-3 credits
Control; Grade Method: REG/AUD;
0101 F.....4:00pm- 4:50pm (EGR 3108) STAFF

ENEE608D Graduate Seminar: Computers; Grade Method: 1-3 credits
REG/AUD;
0101 Th.....5:00pm- 6:15pm (EGR 1108) STAFF

ENEE608F Graduate Seminar: Electrophysics; Grade 1-3 credits
Method: REG/AUD;
0101 F.....4:00pm- 5:30pm (EGR 3110) STAFF

ENEE608G Graduate Seminar: Independent Study; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE608S Graduate Seminar: Semiconductor Electronic 1-3 credits
Seminar; Grade Method: REG/AUD;
0101 F.....3:00pm- 4:00pm (EGR 3106) STAFF

ENEE608V Graduate Seminar: CAD for VSLI; Grade 1-3 credits
Method: REG/AUD;
0101 F.....2:00pm- 4:00pm (EGR 3102) STAFF

ENEE609 Projects in Electrical Engineering; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE620 Random Processes in Communication and 3 credits
Control; Grade Method: REG/AUD;
0201 MW.....6:30pm- 7:45pm (EGR 1104) STAFF

ENEE621 Estimation and Detection Theory; Grade 3 credits
Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 1120) STAFF

ENEE634 Models of Transduction and Signal 3 credits
Processing in Sensory Systems; Grade Method: REG/AUD;
0101 Time and room to be arranged STAFF

ENEE648C Advanced Topics in Electrical Engineering: 3 credits
VLSI Design; Grade Method: REG/AUD; Prerequisite: ENEE 646.
0101 MW.....2:00pm- 3:15pm (EGR 2154) STAFF

ENEE648D Advanced Topics in Electrical Engineering: 3 credits
Electro-Technology in Medicine and Biology; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE648E Advanced Topics in Electrical Engineering: 3 credits
Semiconductor Materials; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) STAFF

ENEE648F Advanced Topics in Electrical Engineering: 3 credits
Algorithmic Design of Cad Tools; Grade Method: REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE648G Advanced Topics in Electrical Engineering: 3 credits
VSLI Design II; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3114) STAFF

ENEE648I Advanced Topics in Electrical Engineering: 3 credits
Compound Semiconductor Integrated Circuits; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 2112) STAFF

ENEE655 Structure Theory of Machines; Grade 3 credits
Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (EGR 1104) STAFF

ENEE664 Optimal Control; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3110) STAFF

ENEE681 Electromagnetic Theory II; Grade Method: 3 credits
REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 3108) STAFF

ENEE696 Integrated and Microwave Electronics; 3 credits
Grade Method: REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE697 Semiconductor Devices and Technology; 3 credits
Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0135) STAFF

ENEE703 Semiconductor Device Models; Grade Method: 3 credits
REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) STAFF

ENEE722 Error Correcting Codes; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 1106) STAFF

ENEE724 Digital Signal Processing; Grade Method: 3 credits
REG/AUD;
0101 MW.....12:30pm- 1:45pm (EGR 2154) STAFF

ENEE728A Advanced Topics in Communication Theory: 3 credits
Digital and Satellite Communication; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 3110) STAFF

ENEE748A Topics in Computer Design: Distributed 3 credits
Operating Systems; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 3110) STAFF

ENEE748B Topics in Computer Design: Computer 3 credits
Security; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 3110) STAFF

ENEE748D Topics in Computer Design: Knowledge 3 credits
Engineering; Grade Method: REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 0108) STAFF

ENEE769A Advanced Topics in Control Theory: Design 3 credits
and Control of Robotic Manipulators; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0108) STAFF

ENEE780 Microwave Engineering; Grade Method: 3 credits
REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 0110) STAFF

ENEE790 Quantum Electronics I; Grade Method: 3 credits
REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

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## ENES Engineering Science (Engineering)

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ENES101 Introductory Engineering Science; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Limited to engineering students. Prerequisite: must be a student in the College of Engineering.
0101 WF.....8:00am- 8:50am (EGR 1202) STAFF
M.....8:00am-10:00am (EGR 1102) DIS
0102 WF.....8:00am- 8:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3108) DIS
0103 WF.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....8:00am-10:00am (EGR 0104) DIS
0104 WF.....8:00am- 8:50am (EGR 1202) STAFF
Th.....8:00am-10:00am (EGR 0104) DIS

ENES110 Statics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: MATH 140. Limited to engineering students. Must be a student in College of Engineering.
0201 TuTh.....11:00am-11:50am (EGR 1202) STAFF
M.....12:00pm- 2:00pm (EGR 3110) DIS
0202 TuTh.....11:00am-11:50am (EGR 1202) STAFF
M.....2:00pm- 4:00pm (EGR 1102) DIS
0203 TuTh.....11:00am-11:50am (EGR 1202) STAFF
W.....12:00pm- 2:00pm (EGR 1106) DIS
0204 TuTh.....11:00am-11:50am (EGR 1202) STAFF
W.....2:00pm- 4:00pm (EGR 1102) DIS
0205 TuTh.....11:00am-11:50am (EGR 1202) STAFF
M.....12:00pm- 2:00pm (EGR 3111) DIS
0301 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
W.....12:00pm- 2:00pm (EGR 3111) DIS
0302 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
M.....2:00pm- 4:00pm (EGR 0104) DIS
0303 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
W.....2:00pm- 4:00pm (EGR 0104) DIS
0304 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
W.....2:00pm- 4:00pm (EGR 1110) DIS
0305 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
M.....12:00pm- 2:00pm (EGR 1106) DIS
0401 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....12:00pm- 2:00pm (CHE 2120) DIS
0402 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....2:00pm- 4:00pm (CHE 2120) DIS
0403 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....2:00pm- 4:00pm (CHE 2140) DIS
0404 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....2:00pm- 4:00pm (EGR 1108) DIS
0406 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....12:00pm- 2:00pm (EGR 3110) DIS

ENES220 Mechanics of Materials; Grade Method: 3 credits
REG/P-F/AUD; Prerequisites: MATH 141, PHYS 161, ENES 110.
0101 MWF.....8:00am- 8:50am (CHE 2108) STAFF
0201 MWF.....9:00am- 9:50am (CHM 0119) STAFF
0301 MWF.....10:00am-10:50am (CHE 2110) STAFF
0401 MWF.....11:00am-11:50am (CHE 2136) STAFF
0501 TuTh.....8:00am- 9:15am (CHE 2136) STAFF

ENES221 Dynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: ENES 110; pre or corequisite: MATH 241.
0101 MW.....8:00am- 8:50am (ZOP 1240) STAFF
F.....8:00am-10:00am (EGR 1102) DIS
0102 MW.....8:00am- 8:50am (ZOP 1240) STAFF
F.....8:00am-10:00am (EGR 0104) DIS
0103 MW.....8:00am- 8:50am (ZOP 1240) STAFF
M.....1:00pm- 3:00pm (EGR 3108) DIS
0104 MW.....8:00am- 8:50am (ZOP 1240) STAFF
M.....1:00pm- 3:00pm (EGR 2112) DIS
0105 MW.....8:00am- 8:50am (ZOP 1240) STAFF
W.....1:00pm- 3:00pm (CHE 2145) DIS
0106 MW.....8:00am- 8:50am (ZOP 1240) STAFF
W.....1:00pm- 3:00pm (EGR 1120) DIS
0201 TuTh.....8:00am- 8:50am (ZOP 1240) STAFF
W.....1:00pm- 3:00pm (ARM 0116) DIS
0202 TuTh.....8:00am- 8:50am (ZOP 1240) STAFF
Tu.....1:00pm- 3:00pm (HBK 1116) DIS
0203 TuTh.....8:00am- 8:50am (ZOP 1240) STAFF
Tu.....1:00pm- 3:00pm (CHE 2116) DIS
0204 TuTh.....8:00am- 8:50am (ZOP 1240) STAFF
Th.....1:00pm- 3:00pm (HBK 1116) DIS

ENES230 Introduction to Materials and Their 3 credits
Applications; Grade Method: REG/P-F/AUD;
0101 TuTh.....3:30pm- 4:45pm (CHE 2110) Arsenault, R

ENES240 Engineering Computation; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: MATH 141 and ENES 101. College of Engineering 04.
0101 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
Tu.....8:00am-10:00am (CHE 2118) LAB
0102 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
Tu.....10:00am-12:00pm (EGR 1102) LAB
0103 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
Tu.....1:00pm- 3:00pm (EGR 3108) LAB
0104 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
Th.....8:00am-10:00am (CHE 2118) LAB
0105 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
Th.....10:00am-12:00pm (EGR 3110) LAB
0106 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
Th.....1:00pm- 3:00pm (ARM 0103) LAB
0108 TuTh.....12:00pm-12:50pm (SKN 0200) STAFF
F.....1:00pm- 3:00pm (EGR 1108) LAB

ENES386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

ENES387 Field Work Analysis; Grade Method: 1-3 credits
REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENES388 Engineering Honors Seminar; Grade Method: 1 credit
REG/P-F;
0101 W.....12:00pm-12:50pm (EGR 0135) Wallace, J

ENES388G Engineering Honors Seminar: Introduction 1 credit
to General Education for Engineers; Grade Method: REG/P-F; Instructors: Drs. Marilyn Berman and Richard McCuen. Recommended for engineering students who have completed at least one semester.
0101 Tu.....9:30am-10:20am (MTH 0107) McCuen, R

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## ENFP Engineering, Fire Protection (Engineering)

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ENFP290 Fire Protection Fluids; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MW.....1:00pm- 3:00pm (EGR 0135) STAFF

ENFP315 Fire Protection Systems Design II; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 MW.....3:00pm- 5:00pm (EGR 0135) STAFF

ENFP321 Functional and Life Safety Analysis; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 TuTh.....1:00pm- 3:00pm (EGR 0135) Milke, J

ENFP411 Fire Protection Hazard Analysis; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 TuTh.....10:00am-12:00pm (EGR 0135) Milke, J

ENFP416 Problem Synthesis and Design; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 Th.....6:30pm- 9:30pm (EGR 0135) Bryan, J

ENFP489 Special Topics: Fire Protection 3 credits
Engineering Seminar; Grade Method: REG/P-F/AUD; Majors only.
0101 Tu.....6:30pm- 9:30pm (EGR 0135) Dinenno, P

ENFP489C Special Topics: Fundamentals of Fire and 3 credits
Combustion; Grade Method: REG/P-F/AUD;
0101 TuTh.....4:00pm- 6:00pm (EGR 0135) Quintiere, J

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## ENGL English (Arts and Humanities)

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ENGL101 Introduction to Writing; Grade Method: 3 credits
REG; Students with a TSWE score of 33 or below must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0001 MWF.....8:00am- 8:50am (WDS 1127) STAFF
0002 MWF.....8:00am- 8:50am (TLF 1101) STAFF
0003 MWF.....8:00am- 8:50am (ARC 1127) STAFF
0004 MWF.....8:00am- 8:50am (KEY 0120) STAFF
0101 MWF.....9:00am- 9:50am (ARM 0118) STAFF
0102 MWF.....9:00am- 9:50am (ASY 3219) STAFF
0103 MWF.....9:00am- 9:50am (ARM 0101) STAFF
0104 MWF.....9:00am- 9:50am (KEY 0123) STAFF
0105 MWF.....9:00am- 9:50am (KEY 0117) STAFF
0106 MWF.....9:00am- 9:50am (KEY 0126) STAFF
0201 MWF.....10:00am-10:50am (ASY 3219) STAFF
0202 MWF.....10:00am-10:50am (ARM 0101) STAFF
0203 MWF.....10:00am-10:50am (EGR 0102) STAFF
0204 MWF.....10:00am-10:50am (HBK 0117) STAFF
0205 MWF.....10:00am-10:50am (ARM 0103) STAFF
0206 MWF.....10:00am-10:50am (ARM 0121) STAFF
0207 MWF.....10:00am-10:50am (TLF 1104) STAFF
0208 MWF.....10:00am-10:50am (WDS 1101) STAFF
0209 MWF.....10:00am-10:50am (TWS 2228) STAFF
0301 MWF.....11:00am-11:50am (KEY 0117) STAFF
0302 MWF.....11:00am-11:50am (ARM 0104) STAFF
0303 MWF.....11:00am-11:50am (ARC 1121) STAFF
0304 MWF.....11:00am-11:50am (ARM 0118) STAFF
0305 MWF.....11:00am-11:50am (HBK 1116) STAFF
0306 MWF.....11:00am-11:50am (ARM 0121) STAFF
0307 MWF.....11:00am-11:50am (HBK 1120) STAFF
0308 MWF.....11:00am-11:50am (HBK 1108) STAFF
0401 MWF.....12:00pm-12:50pm (ARM 0118) STAFF
0402 MWF.....12:00pm-12:50pm (HZF 1106) STAFF
0403 MWF.....12:00pm-12:50pm (HZF 1108) STAFF
0404 MWF.....12:00pm-12:50pm (ARM 0104) STAFF
0405 MWF.....12:00pm-12:50pm (TLF 0108) STAFF
0406 MWF.....12:00pm-12:50pm (HBK 1116) STAFF
0407 MWF.....12:00pm-12:50pm (ARC 1125) STAFF
0408 MWF.....12:00pm-12:50pm (SYM 1308) STAFF
0409 MWF.....12:00pm-12:50pm (ARM 0120) STAFF
0501 MWF.....1:00pm- 1:50pm (KEY 0117) STAFF
0502 MWF.....1:00pm- 1:50pm (COL 0100) STAFF
0503 MWF.....1:00pm- 1:50pm (ARM 0120) STAFF
0504 MWF.....1:00pm- 1:50pm (ARM 0121) STAFF
0505 MWF.....1:00pm- 1:50pm (ARM 0105) STAFF
0506 MWF.....1:00pm- 1:50pm (ARC 1127) STAFF
0601 MWF.....2:00pm- 2:50pm (HBK 1108) STAFF
0602 MWF.....2:00pm- 2:50pm (ARM 0105) STAFF
0603 MWF.....2:00pm- 2:50pm (ARM 0104) STAFF
0604 MWF.....2:00pm- 2:50pm (ASY 3219) STAFF
0605 MWF.....2:00pm- 2:50pm (ARM 0120) STAFF
0606 MWF.....2:00pm- 2:50pm (ARM 0101) STAFF
0607 MWF.....2:00pm- 2:50pm (EGR 0102) STAFF
0608 MWF.....2:00pm- 2:50pm (SYM 1308) STAFF
0609 MWF.....2:00pm- 2:50pm (ASY 3217) STAFF
0701 MWF.....3:00pm- 3:50pm (HBK 1112) STAFF
0702 MWF.....3:00pm- 3:50pm (ARM 0118) STAFF
0703 MWF.....3:00pm- 3:50pm (TLF 0102) STAFF
0704 MWF.....3:00pm- 3:50pm (TLF 2101) STAFF
0705 MWF.....3:00pm- 3:50pm (KEY 0123) STAFF
0706 MWF.....3:00pm- 3:50pm (ARM 0120) STAFF
0707 MWF.....3:00pm- 3:50pm (TLF 0103) STAFF
1001 TuTh.....8:00am- 9:15am (HBK 0125) STAFF
1002 TuTh.....8:00am- 9:15am (TLF 0102) STAFF
1003 TuTh.....8:00am- 9:15am (ASY 3221) STAFF
1004 TuTh.....8:00am- 9:15am (TLF 0103) STAFF
1101 TuTh.....9:30am-10:45am (ARC 1127) STAFF
1102 TuTh.....9:30am-10:45am (EGR 3114) STAFF
1103 TuTh.....9:30am-10:45am (COL 0102) STAFF
1104 TuTh.....9:30am-10:45am (JMZ 1104) STAFF
1105 TuTh.....9:30am-10:45am (HZF 1106) STAFF
1201 TuTh.....11:00am-12:15pm (ARM 0105) STAFF
1202 TuTh.....11:00am-12:15pm (HBK 0125) STAFF
1203 TuTh.....11:00am-12:15pm (HBK 1108) STAFF
1204 TuTh.....11:00am-12:15pm (ARC 1127) STAFF
1205 TuTh.....11:00am-12:15pm (WDS 1127) STAFF
1206 TuTh.....11:00am-12:15pm (EGR 0104) STAFF
1207 TuTh.....11:00am-12:15pm (SYM 1308) STAFF
1301 TuTh.....12:30pm- 1:45pm (EGR 0104) STAFF
1302 TuTh.....12:30pm- 1:45pm (ARC 1125) STAFF
1303 TuTh.....12:30pm- 1:45pm (JMZ 2123) STAFF
1304 TuTh.....12:30pm- 1:45pm (MTH 80423) STAFF
1305 TuTh.....12:30pm- 1:45pm (ARM 0121) STAFF
1306 TuTh.....12:30pm- 1:45pm (CHM 0124) STAFF
1307 TuTh.....12:30pm- 1:45pm (EGR 1124) STAFF
1308 TuTh.....12:30pm- 1:45pm (JMZ 3120) STAFF
1309 TuTh.....12:30pm- 1:45pm (SYM 1308) STAFF
1310 TuTh.....12:30pm- 1:45pm (HBK 1108) STAFF
1401 TuTh.....2:00pm- 3:15pm (ARM 0101) STAFF
1402 TuTh.....2:00pm- 3:15pm (JMZ 1104) STAFF
1403 TuTh.....2:00pm- 3:15pm (ARM 0121) STAFF
1404 TuTh.....2:00pm- 3:15pm (EGR 3114) STAFF
1405 TuTh.....2:00pm- 3:15pm (JMZ 3203) STAFF
1406 TuTh.....2:00pm- 3:15pm (EGR 0102) STAFF
1407 TuTh.....2:00pm- 3:15pm (JMZ 2125) STAFF
1408 TuTh.....2:00pm- 3:15pm (JMZ 0120) STAFF
1409 TuTh.....2:00pm- 3:15pm (HBK 0125) STAFF
1501 TuTh.....3:30pm- 4:45pm (JMZ 1117) STAFF
1502 TuTh.....3:30pm- 4:45pm (HZF 1102) STAFF
1601 TuTh.....4:00pm- 5:15pm (KEY 0123) STAFF
1602 TuTh.....4:00pm- 5:15pm (KEY 0119) STAFF
1603 TuTh.....4:00pm- 5:15pm (KEY 0117) STAFF

ENGL101A Introduction to Writing; Grade Method: 3 credits
REG; ENGL 101A replaces the ENGL 104-105-106 sequence. Students must take ENGL 101A rather than ENGL 101 if their TSWE score (a subscore of the SAT verbal) is 33 or below. Classes are limited to 15 students.
1701 MWF.....11:00am-11:50am (ARM 0101) STAFF
1702 MWF.....10:00am-10:50am (EGR 1124) STAFF
1703 TuTh.....9:30am-10:45am (JRN 1101) STAFF
1704 TuTh.....11:00am-12:15pm (HZF 1106) STAFF
1705 TuTh.....11:00am-12:15pm (LEF 1210) STAFF
1706 TuTh.....12:30pm- 1:45pm (LEF 1210) STAFF

ENGL101H (PermReq) Introduction to Writing; Grade Method: PEG; Limited to General Honors students and to students exempt from regular ENGL 101 — 3 credits

0101 MWF.....11:00am-11:50am (SYM 1308) Peterson, W

ENGL101X (PermReq) Introduction to Writing; Grade Method: REG; Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to A-0139 (x4160) or W-1104 (x6545): 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005, Advanced English as a Foreign Language, Semi-Intensive. — 3 credits

2001 MWF.....9:00am- 9:50am (ARC 1121) STAFF
2002 MWF.....9:00am- 9:50am (JRN 1101) STAFF
2005 MWF.....10:00am-10:50am (JRN 1101) STAFF
2007 TuTh.....9:30am-10:45am (TWS 2230) STAFF
2008 TuTh.....9:30am-10:45am (TYD 1136) STAFF
2009 TuTh.....11:00am-12:15pm (TYD 1136) STAFF
2010 TuTh.....11:00am-12:15pm (JRN 1101) STAFF

ENGL201 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 0103) Birdsall, E
0201 MWF.....10:00am-10:50am (TLF 0102) Wilson, G
0301 MWF.....11:00am-11:50am (TLF 1104) Panichas, G
0501 TuTh.....11:00am-12:15pm (TLF 1101) Rutherford, C

ENGL202 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....11:00am-11:50am (TLF 2101) Demaree, C
0201 TuTh.....11:00am-12:15pm (WDS 1131) Hovey, R

ENGL202H (PermReq) World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; For General and Departmental Honors students — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 0102) Howard, J

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (KEY 0125) Dobin, H
0201 MWF.....10:00am-10:50am (TLF 2103) Dobin, H
0301 MWF.....11:00am-11:50am (TLF 0110) Barry, J
0401 MWF.....12:00pm-12:50pm (TLF 0103) Cartwright, K
0501 MWF.....1:00pm- 1:50pm (KEY 0125) Barry, J
0601 MWF.....2:00pm- 2:50pm (TLF 2101) Dungey, K
0801 TuTh.....8:00am- 9:15am (TLF 1103) Pringham, C
0901 TuTh.....9:30am-10:45am (TLF 0103) Leinwand, T
1101 TuTh.....11:00am-12:15pm (TLF 2101) Leinwand, T
1201 TuTh.....12:30pm- 1:45pm (KEY 0125) Pringham, C
1301 TuTh.....2:00pm- 3:15pm (TLF 2101) Pringham, C

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....11:00am-11:50am (KEY 0119) Levine, R

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201 MWF.....10:00am-10:50am (TLF 1103) Bennett, M
0301 MWF.....11:00am-11:50am (WDS 1101) Auerbach, J
0401 MWF.....12:00pm-12:50pm (KEY 0126) Auerbach, J
0501 MWF.....1:00pm- 1:50pm (KEY 0126) Bennett, M
0901 TuTh.....12:30pm- 1:45pm (TLF 1103) Dunn, N
1001 TuTh.....2:00pm- 3:15pm (TLF 1103) Dunn, N

ENGL234 Introduction to Afro-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 1103) Joyce, J

ENGL240 Introduction to Literary Forms: Fiction, Poetry, Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (TLF 0108) Nickens, S
0201 MWF.....11:00am-11:50am (KEY 0120) STAFF
0301 MWF.....12:00pm-12:50pm (TLF 2103) STAFF
0401 MWF.....1:00pm- 1:50pm (TLF 1104) Nickens, S
0501 TuTh.....9:30am-10:45am (KEY 0116) STAFF
0601 TuTh.....9:30am-10:45am (ARM 0105) STAFF
0701 TuTh.....12:30pm- 1:45pm (TLF 1104) STAFF
0801 TuTh.....2:00pm- 3:15pm (TLF 2103) STAFF

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 0110) Moore, T
0201 MWF.....11:00am-11:50am (KEY 0125) Moore, T
0301 TuTh.....9:30am-10:45am (JMZ 1215) STAFF
0401 TuTh.....12:30pm- 1:45pm (JRN 1105) Salamanca, J

ENGL242 Fact and Fiction: Forms of Non-Fictional Prose; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201 TuTh.....9:30am-10:45am (JMZ 3203) Grant-Davie, K

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201 MWF.....12:00pm-12:50pm (TLF 1103) STAFF
0301 MWF.....1:00pm- 1:50pm (KEY 0120) STAFF
0401 TuTh.....11:00am-12:15pm (KEY 0125) STAFF
0601 TuTh.....12:30pm- 1:45pm (KEY 0119) STAFF

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 0102) STAFF
0301 TuTh.....12:30pm- 1:45pm (WDS 1131) STAFF

ENGL245 Introduction to Film As Literature; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL246 The Short Story; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....8:00am- 8:50am (TLF 0102) STAFF
0201 MWF.....9:00am- 9:50am (TLF 1104) STAFF
0301 MWF.....10:00am-10:50am (KEY 0120) STAFF
0401 TuTh.....11:00am-12:15pm (ARM 0116) STAFF
0501 MWF.....11:00am-11:50am (TLF 1103) STAFF
0801 MWF.....12:00pm-12:50pm (WDS 0104) STAFF
0901 MWF.....1:00pm- 1:50pm (TLF 1102) STAFF
1001 MWF.....1:00pm- 1:50pm (KEY 0116) STAFF
1201 MWF.....2:00pm- 2:50pm (WDS 1130) STAFF
1301 MWF.....3:00pm- 3:50pm (TLF 1102) STAFF
1401 TuTh.....8:00am- 9:15am (TLF 0110) STAFF
1501 TuTh.....9:30am-10:45am (WDS 1101) STAFF
1701 TuTh.....11:00am-12:15pm (HZF 1102) STAFF
1901 TuTh.....12:30pm- 1:45pm (KEY 0123) STAFF
2301 TuTh.....2:00pm- 3:15pm (JMZ 0103) STAFF
2401 TuTh.....3:30pm- 4:45pm (TLF 1103) STAFF

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 1101) Demaree, C
0301 MWF.....1:00pm- 1:50pm (TLF 0102) Demaree, C
0401 MWF.....2:00pm- 2:50pm (TLF 0102) STAFF
0601 TuTh.....9:30am-10:45am (WDS 1127) STAFF
0701 TuTh.....11:00am-12:15pm (ARC 1123) Bunlig Jr., P
0801 TuTh.....2:00pm- 3:15pm (TLF 1102) Smith, N

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....11:00am-11:50am (TLF 0103) STAFF
0201 TuTh.....11:00am-12:15pm (ASY 3219) Townsend, B

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101 MWF.....10:00am-10:50am (TLF 1101) Pearson, B
0201 MWF.....12:00pm-12:50pm (TLF 0102) Pearson, B
0301 TuTh.....9:30am-10:45am (TLF 1101) Fry, G
0401 TuTh.....11:00am-12:15pm (TLF 1103) Fry, G

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (WDS 1131) James, E
0201 TuTh.....12:30pm- 1:45pm (KEY 0103) James, E

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD; Prerequisite: ENGL 101 or equivalent. — 3 credits

0101 MWF.....11:00am-11:50am (ASY 3221) STAFF
0201 TuTh.....12:30pm- 1:45pm (KEY 0117) STAFF

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD; Prerequisite: ENGL 101. — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 0108) STAFF
0201 MWF.....10:00am-10:50am (KEY 0117) STAFF
0301 MWF.....11:00am-11:50am (HZF 1106) STAFF
0601 MWF.....12:00pm-12:50pm (TLF 2101) STAFF
0701 MWF.....1:00pm- 1:50pm (TLF 0108) STAFF
1201 TuTh.....9:30am-10:45am (JMZ 3120) STAFF
1301 TuTh.....11:00am-12:15pm (KEY 0123) Collier, M
1302 TuTh.....11:00am-12:15pm (TLF 2103) STAFF
1701 TuTh.....12:30pm- 1:45pm (TYD 2100) Townsend, B

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0301 MWF.....10:00am-10:50am (KEY 0121) Flieger, V
0501 MWF.....11:00am-11:50am (KEY 0123) Kleine, D
0601 MWF.....12:00pm-12:50pm (JRN 1105) STAFF
0901 TuTh.....9:30am-10:45am (KEY 0123) Hamilton, G
1001 TuTh.....11:00am-12:15pm (KEY 0119) Cate, G
1101 TuTh.....12:30pm- 1:45pm (TLF 0108) David, D
1201 TuTh.....2:00pm- 3:15pm (KEY 0120) STAFF

ENGL302 English Medieval Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (TLF 0103) Birdsall, E

ENGL304 The Major Works of Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201 MWF.....10:00am-10:50am (KEY 0123) Cooper Jr., S
0301 MWF.....11:00am-11:50am (HZF 1101) STAFF
0501 TuTh.....12:30pm- 1:45pm (TLF 2101) Trousdale, M
0601 TuTh.....2:00pm- 3:15pm (TLF 0102) Leinwand, T

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....11:00am-11:50am (TLF 1102) Hamilton, D
0201 MWF.....12:00pm-12:50pm (KEY 0120) Dungey, K
0301 TuTh.....11:00am-12:15pm (KEY 0120) Mack Jr, M
0401 TuTh.....12:30pm- 1:45pm (JMZ 3203) Isaacs, N
0501 TuTh.....9:30am-10:45am (ARC 1123) STAFF

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (KEY 0120) Wilson, G
0201 TuTh.....2:00pm- 3:15pm (HZF 1108) STAFF
0301 MWF.....2:00pm- 2:50pm (TLF 2103) STAFF

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....10:00am-10:50am (TLF 0110) Auchard, J
0201 TuTh.....11:00am-12:15pm (HBK 1112) Smith, G
0301 TuTh.....12:30pm- 1:45pm (JMZ 1122) Cate, G

ENGL313 American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 2108) Robinson, J
0201 MWF.....10:00am-10:50am (TLF 2101) Robinson, J
0301 TuTh.....12:30pm- 1:45pm (JMZ 1104) STAFF
0401 TuTh.....2:00pm- 3:15pm (JMZ 1120) STAFF
0501 TuTh.....11:00am-12:15pm (SKN 1106) STAFF

ENGL345 Twentieth Century Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201 MWF.....2:00pm- 2:50pm (TLF 1102) Kleine, D

ENGL361 Medieval Literary Modes and Modern Narrative; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....2:00pm- 2:50pm (KEY 0125) Flieger, V

ENGL369E (PermReq) Honors Seminar: Major Traditions; Grade Method: REG/P-F/AUD; — 4-5 credits

0101 MWF.....1:00pm- 3:00pm (TLF 0135) Hammond, E

ENGL370 (PermReq) Junior Honors Conference; Grade Method: REG/P-F/AUD; — 1 credit

0101 Th.....3:00pm- 5:00pm (TLF 0135) Fraistat, N

ENGL371 (PermReq) Senior Honors Conference; Grade Method: REG/P-F/AUD; — 1 credit

0101 W.....3:00pm- 5:00pm (TLF 3100) Fraistat, N

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

English 379 courses are repeatable to a maximum of 9 hours if the content is different. English majors may not count credits earned in these courses toward the major.

ENGL379A Special Topics in Literature: Studies in Mythmaking; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. — 3 credits

0101 MWF.....12:00pm-12:50pm (KEY 0125) Flieger, V

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379G Special Topics in Literature: Melodrama and the Existential Crisis: The Films of Alfred Hitchcock; Grade Method: REG/P-F/AUD; — 3 credits

0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379I Special Topics in Literature: Science and Literature; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 TuTh.....9:30am-10:45am (WDS 1130) Kornblatt, J

ENGL379J Special Topics in Literature: Interpreting the Bible; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TLF 1101) Handelman, S

ENGL379M Special Topics in Literature: Britain in The Age of Revolution; Grade Method: REG; — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 1103) STAFF

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: any two freshman or sophomore English courses with the exception of ENGL 294. Completion of two literature courses. — 3 credits

0101 TuTh.....9:30am-10:45am (ASY 3219) Smith, G

ENGL379Q Special Topics in Literature: More's Utopia and Modern Utopian Visions; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101 TuTh.....9:30am-10:45am (LEF 1220) Collier, M

ENGL379S Special Topics in Literature: Changing Ideas of the City in Western Literature; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: Completion of two literature courses. — 3 credits

0101 MWF.....2:00pm- 2:50pm (TLF 1101) Panichas, G

ENGL380 (PermReq) Internship; Grade Method: REG; — 3-6 credits

0101 Time and room to be arranged Beckley, B

ENGL382 (PermReq) Internship Seminar: Corporate Business; Grade Method: REG; — 3 credits

0101 TuTh.....3:30pm- 5:30pm (TLF 1102) Beckley, B

ENGL384 Concepts of Grammar; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 0103) James, E

ENGL385 English Semantics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of knowledge requirement; Prerequisite: two lower division English courses. — 3 credits

0101 MWF.....2:00pm- 2:50pm (TLF 0103) STAFF

Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them (e.g ENGL 391L for pre-law students). Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing).

ENGL391 Advanced Composition; Grade Method: REG; Sections 1201 and 1301 involve computer-assisted instruction. — 3 credits

0001 MWF.....8:00am- 8:50am (TLF 0108) STAFF
0102 MWF.....9:00am- 9:50am (WDS 1131) STAFF
0103 MWF.....9:00am- 9:50am (ARM 0103) STAFF
0104 MWF.....9:00am- 9:50am (KEY 0119) STAFF
0201 MWF.....10:00am-10:50am (EGR 1102) STAFF
0202 MWF.....10:00am-10:50am (HBK 0125) STAFF
0203 MWF.....10:00am-10:50am (WDS 1130) STAFF
0204 MWF.....10:00am-10:50am (HZF 1106) STAFF
0301 MWF.....11:00am-11:50am (LEF 1220) STAFF
0302 MWF.....11:00am-11:50am (WDS 1130) STAFF
0303 MWF.....11:00am-11:50am (EGR 1102) STAFF
0304 MWF.....11:00am-11:50am (TLF 1101) STAFF
0401 MWF.....12:00pm-12:50pm (KEY 0121) STAFF
0402 MWF.....12:00pm-12:50pm (ARC 1127) STAFF
0403 MWF.....12:00pm-12:50pm (KEY 0119) STAFF
0502 MWF.....1:00pm- 1:50pm (HBK 1112) STAFF
0503 MWF.....1:00pm- 1:50pm (TLF 1101) STAFF
0602 MWF.....2:00pm- 2:50pm (HBK 1112) STAFF
0603 MWF.....2:00pm- 2:50pm (KEY 0123) STAFF
0701 MWF.....3:00pm- 3:50pm (TLF 2108) STAFF
0702 MWF.....3:00pm- 3:50pm (GEO 1120) STAFF
0804 MWF.....4:00pm- 4:50pm (GEO 1120) STAFF
1001 TuTh.....8:00am- 9:15am (KEY 0123) STAFF
1101 TuTh.....9:30am-10:45am (HBK 0125) STAFF
1102 TuTh.....9:30am-10:45am (JMZ 1109) STAFF
1103 TuTh.....9:30am-10:45am (HBK 1108) STAFF
1104 TuTh.....9:30am-10:45am (EGR 3102) STAFF
1201 TuTh.....11:00am-12:15pm (EGR 1124) STAFF
1202 TuTh.....11:00am-12:15pm (ARM 0118) STAFF
1203 TuTh.....11:00am-12:15pm (CHE 2145) STAFF
1204 TuTh.....11:00am-12:15pm (ARC 1125) STAFF
1301 TuTh.....12:30pm- 1:45pm (JMZ 1103) STAFF
1302 TuTh.....12:30pm- 1:45pm (ARC 1121) STAFF
1303 TuTh.....12:30pm- 1:45pm (JMZ 0120) STAFF
1304 TuTh.....12:30pm- 1:45pm (ARM 0120) STAFF
1401 TuTh.....2:00pm- 3:15pm (JMZ 1103) STAFF
1402 TuTh.....2:00pm- 3:15pm (HBK 1120) STAFF
1403 TuTh.....2:00pm- 3:15pm (KEY 0123) STAFF
1501 TuTh.....3:30pm- 4:45pm (TLF 0103) STAFF
1502 TuTh.....3:30pm- 4:45pm (TLF 1101) STAFF

ENGL391L Advanced Composition; Grade Method: REG; For pre-law students. — 3 credits

0101 MWF.....11:00am-11:50am (WDS 1131) STAFF
0201 TuTh.....9:30am-10:45am (HZF 1101) STAFF
0301 TuTh.....12:30pm- 1:45pm (HBK 0125) STAFF
0401 W.....7:00pm- 9:40pm (KEY 0117) STAFF

ENGL391X Advanced Composition; Grade Method: REG; For students for whom English is a second language. — 3 credits

0201 MWF.....10:00am-10:50am (TWS 0131) STAFF
0301 TuTh.....11:00am-12:15pm (HZF 1108) STAFF

ENGL391Z Advanced Composition; Grade Method: REG; Includes computer-assisted instruction. — 3 credits

0201 TuTh.....11:00am-12:15pm (EGR 3114) STAFF

Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them (e.g. ENGL 393N for students interested in business writing). Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing).

ENGL393 Technical Writing; Grade Method: REG; Sections 0102, 0302, 1103, 1201, 1303, and 1402 involve computer-assisted instruction. — 3 credits

0001 MWF.....8:00am- 8:50am (KEY 0117) STAFF
0101 MWF.....9:00am- 9:50am (TLF 1102) STAFF
0102 MWF.....9:00am- 9:50am (TWS 1202) STAFF
0103 MWF.....9:00am- 9:50am (ARC 1125) STAFF
0104 MWF.....9:00am- 9:50am (ASY 3221) STAFF
0201 MWF.....10:00am-10:50am (ARM 0120) STAFF
0202 MWF.....10:00am-10:50am (TWS 1202) STAFF
0203 MWF.....10:00am-10:50am (ARC 1125) STAFF
0204 MWF.....10:00am-10:50am (WDS 1127) STAFF
0301 MWF.....11:00am-11:50am (HZF 1108) STAFF
0302 MWF.....11:00am-11:50am (EGR 3102) STAFF
0303 MWF.....11:00am-11:50am (HBK 0125) STAFF
0304 MWF.....11:00am-11:50am (WDS 1127) STAFF
0401 MWF.....12:00pm-12:50pm (ARM 0101) STAFF
0402 MWF.....12:00pm-12:50pm (WDS 1127) STAFF
0502 MWF.....1:00pm- 1:50pm (HBK 0125) STAFF
0503 MWF.....1:00pm- 1:50pm (TLF 1103) STAFF
0504 MWF.....1:00pm- 1:50pm (ARM 0104) STAFF
0601 MWF.....2:00pm- 2:50pm (TLF 1103) STAFF
0603 MWF.....2:00pm- 2:50pm (JRN 1103) STAFF
0604 MWF.....2:00pm- 2:50pm (TLF 0108) STAFF
0701 MWF.....3:00pm- 3:50pm (TLF 2110) STAFF
0801 MWF.....4:00pm- 4:50pm (TLF 1101) STAFF
1001 TuTh.....8:00am- 9:15am (TLF 1101) STAFF
1101 TuTh.....9:30am-10:45am (ARC 1125) STAFF
1102 TuTh.....9:30am-10:45am (EGR 3111) STAFF
1103 TuTh.....9:30am-10:45am (ARM 0109) STAFF
1104 TuTh.....9:30am-10:45am (EGR 1124) STAFF
1201 TuTh.....11:00am-12:15pm (EGR 1110) STAFF
1202 TuTh.....11:00am-12:15pm (ARM 0103) STAFF
1203 TuTh.....11:00am-12:15pm (EGR 3108) STAFF
1204 TuTh.....11:00am-12:15pm (MTH 0401) STAFF
1205 TuTh.....11:00am-12:15pm (ARM 0120) STAFF
1301 TuTh.....12:30pm- 1:45pm (TLF 0102) STAFF
1302 TuTh.....12:30pm- 1:45pm (ARM 0119) STAFF
1303 TuTh.....12:30pm- 1:45pm (ARC 1123) STAFF
1304 TuTh.....12:30pm- 1:45pm (ARM 0105) STAFF
1401 TuTh.....2:00pm- 3:15pm (ARC 1123) STAFF
1402 TuTh.....2:00pm- 3:15pm (JMZ 2123) STAFF
1403 TuTh.....2:00pm- 3:15pm (GEO 1120) STAFF
1404 TuTh.....2:00pm- 3:15pm (ARM 0118) STAFF
1501 TuTh.....3:30pm- 4:45pm (COL 0102) STAFF
1502 TuTh.....3:30pm- 4:45pm (TLF 1104) STAFF
1603 Tu.....6:00pm- 8:40pm (TLF 0108) STAFF
1604 W.....6:00pm- 8:40pm (KEY 0103) STAFF

ENGL393M Technical Writing; Grade Method: REG; — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 2100) STAFF

ENGL393N Technical Writing; Grade Method: REG; Business writing. — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 2101) STAFF
0201 MWF.....10:00am-10:50am (WDS 1131) STAFF
0202 MWF.....10:00am-10:50am (HBK 1108) STAFF
0301 MWF.....11:00am-11:50am (ARC 1125) STAFF
0401 MWF.....12:00pm-12:50pm (WDS 1130) STAFF
0501 MWF.....1:00pm- 1:50pm (JRN 1103) STAFF
0601 MWF.....2:00pm- 2:50pm (TLF 0110) STAFF
0701 TuTh.....9:30am-10:45am (ARM 0118) STAFF
0801 TuTh.....11:00am-12:15pm (EGR 0102) STAFF
1001 TuTh.....12:30pm- 1:45pm (ARM 0104) STAFF
1002 TuTh.....12:30pm- 1:45pm (WDS 1130) STAFF
1201 TuTh.....2:00pm- 3:15pm (KEY 0121) STAFF
1601 Tu.....6:00pm- 8:40pm (TLF 1103) STAFF

ENGL393X Technical Writing; Grade Method: REG; For students for whom English is a second language. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 0108) STAFF
0201 MWF.....12:00pm-12:50pm (TLF 2110) STAFF
0401 MWF.....2:00pm- 2:50pm (WDS 1131) STAFF
1001 TuTh.....8:00am- 9:15am (KEY 0117) STAFF
1002 TuTh.....9:30am-10:45am (HBK 1112) STAFF
1503 TuTh.....3:30pm- 4:45pm (TLF 2101) STAFF

ENGL393Z Technical Writing; Grade Method: REG; Includes computer-assisted instruction. — 3 credits

0101 MWF.....10:00am-10:50am (GEO 1120) STAFF
0301 MWF.....12:00pm-12:50pm (COL 3114) STAFF

ENGL399A (PermReq) Senior Seminar: American Gothic Fiction; Grade Method: REG; — 3 credits

0101 MWF.....10:00am-10:50am (ZOP 1124) Auerbach, J

ENGL399B (PermReq) Senior Seminar: Autobiography: Augustine to Iaccoca; Grade Method: REG; — 3 credits

0201 MWF.....12:00pm-12:50pm (KEY 0117) Birdsall, E

ENGL399C (PermReq) Senior Seminar: Fairie Queene; Grade Method: REG; 3 credits
0301 TuTh.....9:30am-10:45am (TLF 0102) Cooper Jr., S

ENGL399D (PermReq) Senior Seminar: Gleams in the Jaundiced Eye; Grade Method: REG; 3 credits
0401 TuTh.....2:00pm- 3:15pm (TLF 2126) Smith, G

ENGL402 Chaucer; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....9:30am-10:45am (TLF 1102) Coletti, T

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0126) Hamilton, D

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD; 3 credits
0301 MWF.....12:00pm-12:50pm (TLF 1102) Dobin, H
0501 TuTh.....9:30am-10:45am (TLF 0108) STAFF

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 1101) Wilson, G
0201 TuTh.....12:30pm- 1:45pm (TLF 1102) Hamilton, G

ENGL414 Milton; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1104) Hamilton, G

ENGL419A Major British Writers: Yeats and Joyce; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 3100) Holton, W

ENGL420 Literature of the Romantic Period; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0120) STAFF
0201 TuTh.....2:00pm- 3:15pm (JMZ 1122) Smith, G

ENGL423 Literature of the Victorian Period; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 1104) Cate, G

ENGL430 American Literature, Beginning to 1810, the Colonial and Federal Periods; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (KEY 0123) Bennett, M

ENGL431 American Literature, 1810 to 1865, the American Renaissance; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0110) Levine, R

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1130) Dunn, N
0201 TuTh.....2:00pm- 3:15pm (KEY 0125) Smith, M

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TLF 0102) Holton, W

ENGL434 American Drama; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....12:00pm-12:50pm (TLF 0110) Robinson, J

ENGL439A Major American Writers: Fitzgerald and Hemingway; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0103) Hovey, R

ENGL440 The Novel in America to 1910; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1103) Auchard, J

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 1101) STAFF

ENGL442 Literature of the South; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2101) Lawson, L

ENGL446 Contemporary British and American Poetry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0110) Jellema, R

ENGL451 Elizabethan and Jacobean Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2137) Trousdale, M

ENGL453 Literary Criticism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. 3 credits
0101 MWF.....11:00am-11:50am (TLF 2110) STAFF
0301 TuTh.....2:00pm- 3:15pm (TLF 2108) Trousdale, M

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2126) Freedman, M

ENGL456 The English Novel; Grade Method: REG/P-F/AUD; The nineteenth century novel. 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1102) David, D

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2126) Kleine, D

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2103) Pearson, B

ENGL464 Afro-American Folklore and Culture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1127) Fry, G

ENGL478B Selected Topics in English and American Literature Before 1800: The New Testament as Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JRN 1105) Dungey, K

ENGL478E (PermReq) Selected Topics in English and American Literature Before 1800: Spiritual Narratives in Early American Literature; Grade Method: REG/P-F/AUD; English honors course. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0117) Smith, M

ENGL479D Selected Topics in English and American Literature After 1800: Uses of Literature: The Drug Experience; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2126) Isaacs, N

ENGL479E (PermReq) Selected Topics in English and American Literature After 1800: The Novelle; Grade Method: REG/P-F/AUD; English honors course. 3 credits
0101 W.....1:00pm- 3:30pm (COL 0104) Russell, J

ENGL479F Selected Topics in English and American Literature After 1800: Modern Prose: The Non-Fiction Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0135) Russell, J

ENGL479G Selected Topics in English and American Literature After 1800: Afro-American Women: Art and Culture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) Joyce, J

ENGL479H (PermReq) Selected Topics in English and American Literature After 1800: Honors Thesis Methodology; Grade Method: REG; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1120) Howard, J

ENGL479I Selected Topics in English and American Literature After 1800: Women Writers and Modernism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1109) Peterson, C

ENGL479N Selected Topics in English and American Literature After 1800: Quijote in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1125) Zappala, M

ENGL479R Selected Topics in English and American Literature After 1800: Readers, Writers, and Rhetorics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1124) Grant-Davie, K

ENGL482 History of the English Language; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 1104) Miller, M

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (HBK 1120) Middleton, J
0201 MWF.....10:00am-10:50am (HBK 1120) Middleton, J
0301 TuTh.....9:30am-10:45am (KEY 0117) STAFF
0401 TuTh.....2:00pm- 3:15pm (TLF 0110) Townsend, B

ENGL498A (PermReq) Creative Writing: Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0119) STAFF
0201 TuTh.....11:00am-12:15pm (TLF 0108) Salamanca, J

ENGL498B (PermReq) Creative Writing: Poetry Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1131) Jellema, R

ENGL499A (PermReq) Advanced Creative Writing: Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:00pm- 7:00pm (KEY 0121) Kornblatt, J

ENGL499B (PermReq) Advanced Creative Writing: Poetry Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0103) Plumly, S

ENGL601 Bibliography and Methods; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (TLF 0135) Auerbach, J
Time and room to be arranged LAB

ENGL611 Approaches to College Composition; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 0102) Hammond, E
Time and room to be arranged DIS

ENGL621 Readings in Renaissance English Literature; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 2103) Donawerth, J
Time and room to be arranged LAB

ENGL623 Readings Eighteenth-century English Literature; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0110) Hammond, E
Time and room to be arranged LAB

ENGL624 Readings in English Romantic Literature; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 2137) Fraistat, N
Time and room to be arranged LAB

ENGL625 Readings in English Victorian Literature; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 1103) Peterson, W
Time and room to be arranged DIS

ENGL627 Readings in American Literature Since 1865; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 0103) Auchard, J
Time and room to be arranged DIS

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD; Indsividual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENGL718 Seminar in Medieval Literature: Public Entertainments in Medieval and Tudor England; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 2137) Coletti, T
Time and room to be arranged DIS

ENGL719A Seminar in Renaissance Literature: Shakespeare; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (TLF 2137) Hamilton, D

ENGL719B Seminar in Renaissance Literature: Studies in Shakespearean Tragedy; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:00pm- 5:00pm (JMZ 2206) Schoenbaum, S
Time and room to be arranged DIS

ENGL728 Seminar in Seventeenth-Century Literature: Milton; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (TLF 2101) Wittreich, J
Time and room to be arranged DIS

ENGL729 Seminar in Eighteenth-Century Literature: Hume and Johnson; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (JRN 1101) Damrosch Jr., L
Time and room to be arranged DIS

ENGL748A Seminar in American Literature: Mark Twain; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (TLF 2137) Lawson, L
Time and room to be arranged DIS

ENGL748B Seminar in American Literature: Readings in Black American Literature and Criticism; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 2137) Joyce, J
Time and room to be arranged LAB

ENGL748C Seminar in American Literature; Grade Method: REG; 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0103) Van Egmond, P
Time and room to be arranged DIS

ENGL749 Studies in Twentieth-Century Literature: Modern Writers and the Idea of Tradition; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 0110) Cross, R
Time and room to be arranged DIS

ENGL757 Seminar in Contemporary Literary Theory; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (JMZ 4223) Peterson, C
Time and room to be arranged DIS

ENGL758 Literary Criticism: Sociology and Literary Theory; Grade Method: REG; 3 credits
0101 M.....4:30pm- 6:30pm (JMZ 2102) Heyndels, R
Time and room to be arranged

ENGL759 Seminar in Literature and the Other Arts: Modern Poetry and the Visual Arts; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 0135) Loizeaux, E
Time and room to be arranged DIS

ENGL768 Studies in Drama: Modern Drama; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0135) Freedman, M
Time and room to be arranged LAB

ENGL775 Seminar in Composition Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:00pm (TLF 0108) Fahnestock, J
Time and room to be arranged DIS

ENGL779 Seminar in Language Study: Discourse Analysis; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 2137) Coleman, L
Time and room to be arranged LAB

ENGL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENGL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. . 1-8 credits

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## ENMA Engineering, Materials (Engineering)

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ENMA464 (PermReq) Environmental Effects On Engineering Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (CHE 2116) Crowe, C

ENMA471 (PermReq) Physical Chemistry of Engineering Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHE 2118) Ankem, S

ENMA661 (PermReq) Kinetics of Reactions in Materials; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 W.....6:30pm- 9:00pm (CHE 2118) Wuttig, M

ENMA671 (PermReq) Dislocations in Crystalline Materials; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MW.....3:30pm- 4:45pm (CHE 2116) Arsenault, R

ENMA698 (PermReq) Special Problems in Engineering Materials; Grade Method: REG/AUD; Advanced students require department authorization. 1-16 credits
0201 Time and room to be arranged Armstrong, R
0401 Time and room to be arranged Dieter Jr., G
0501 Time and room to be arranged Arsenault, R
0601 Time and room to be arranged Ankem, S
0701 Time and room to be arranged Wuttig, M

ENMA799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course; contact department or instructor to obtain section number. 1-6 credits

ENMA899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## ENME Engineering, Mechanical (Engineering)

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ENME205 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; Pre or co-requisite: MATH 241. 3 credits
0101 MW.....9:00am- 9:50am (CHE 2108) STAFF
Th.....11:00am- 1:00pm (EGR 3102) DIS
0102 MW.....9:00am- 9:50am (CHE 2108) STAFF
Th.....1:00pm- 3:00pm (EGR 3111) DIS
0103 MW.....9:00am- 9:50am (CHE 2108) STAFF
W.....1:00pm- 3:00pm (EGR 3102) DIS

ENME217 (PermReq) Theromodynamics; Grade Method: REG/P-F/AUD; Prerequisites: PHYS 262, MATH 141. 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (CHE 2145) DIS
0102 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (CHE 2118) DIS
0103 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 2112) DIS
0104 MW.....10:00am-10:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 2112) DIS
0105 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (CHE 2118) DIS
0106 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGR 2112) DIS

ENME310 (PermReq) Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3110) STAFF
0201 MWF.....10:00am-10:50am (EGR 1104) STAFF
0301 MWF.....11:00am-11:50am (EGR 0110) STAFF

ENME311 (PermReq) Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD; Co-requisite: ENME 310. 1 credit
0101 M.....1:00pm- 1:50pm (EGR 0102) STAFF
M.....2:00pm- 4:00pm (EGL 0102) LAB
0201 Tu.....1:00pm- 1:50pm (EGR 0102) STAFF
Tu.....2:00pm- 4:00pm (EGL 0102) LAB
0301 W.....1:00pm- 1:50pm (EGR 0102) STAFF
W.....2:00pm- 4:00pm (EGL 0102) LAB
0401 Th.....1:00pm- 1:50pm (EGR 0102) STAFF
Th.....2:00pm- 4:00pm (EGL 0102) LAB
0501 F.....1:00pm- 1:50pm (EGR 0102) STAFF
F.....2:00pm- 4:00pm (EGL 0102) LAB

ENME315 (PermReq) Intermediate Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisite: ENME 217. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 0110) STAFF
0301 MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME320 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisites: MATH 141, PHYS 262. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0135) STAFF
0201 MWF.....10:00am-10:50am (EGR 3110) STAFF

ENME321 (PermReq) Transfer Processes; Grade Method: REG/P-F/AUD; Prerequisite: ENME 342. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3108) STAFF
0201 MWF.....10:00am-10:50am (EGR 2154) STAFF
0301 MWF.....11:00am-11:50am (EGR 2112) STAFF

ENME342 (PermReq) Fluid Mechanics I; Grade Method: REG/P-F/AUD; Prerequisite: ENME 217. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1104) STAFF
0201 MWF.....10:00am-10:50am (EGR 3106) STAFF
0301 MWF.....11:00am-11:50am (EGR 1126) STAFF

ENME343 (PermReq) Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD; Pre or co-requisite: ENME 342. 1 credit
0101 M.....1:00pm- 1:50pm (EGR 1110) STAFF
M.....2:00pm- 4:00pm (EGL B0110) LAB
0201 Tu.....1:00pm- 1:50pm (EGR 3111) STAFF
Tu.....2:00pm- 4:00pm (EGL B0110) LAB
0301 W.....1:00pm- 1:50pm (EGR 1110) STAFF
W.....2:00pm- 4:00pm (EGL B0110) LAB
0401 Th.....12:00pm- 1:50pm (EGR 1102) STAFF
Th.....2:00pm- 4:00pm (EGL B0110) LAB
0501 F.....1:00pm- 1:50pm (EGR 1110) STAFF
F.....2:00pm- 4:00pm (EGL B0110) LAB

ENME360 (PermReq) Dynamics of Machinery; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220, ENES 221 and MATH 246. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1104) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1120) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 2112) STAFF

ENME381 (PermReq) Measurements Laboratory; Grade Method: REG/P-F/AUD; Prerequisites: ENME 360, ENEE 300. 3 credits
0101 TuTh.....11:00am-11:50am (CHE 2108) STAFF
M.....1:00pm- 4:00pm (EGL 1187) LAB
0102 TuTh.....11:00am-11:50am (CHE 2108) STAFF
W.....1:00pm- 4:00pm (EGL 1187) LAB
0103 TuTh.....11:00am-11:50am (CHE 2108) STAFF
W.....1:00pm- 4:00pm (EGL 1187) LAB
0104 TuTh.....11:00am-11:50am (CHE 2108) STAFF
Th.....1:00pm- 4:00pm (EGL 1187) LAB
0105 TuTh.....11:00am-11:50am (CHE 2108) STAFF
F.....1:00pm- 4:00pm (EGL 1187) LAB

ENME400 (PermReq) Machine Design; Grade Method: REG/P-F/AUD; Prerequisites: ENME 310, ENME 360. Co-requisite: ENME 401. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2112) STAFF
0201 TuTh.....9:30am-10:45am (EGR 3106) STAFF
0301 TuTh.....12:30pm- 1:45pm (EGR 1126) STAFF

ENME401 (PermReq) The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; Co-requisite: ENME 310. 3 credits
0101 MWF.....11:00am-11:50am (EGR 3110) STAFF
0201 MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME403 (PermReq) Automatic Controls; Grade Method: REG/P-F/AUD; Prerequisites: ENEE 300, ENME 360. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 2154) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1110) STAFF
0301 MWF.....10:00am-10:50am (EGR 1110) STAFF

ENME404 (PermReq) Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD; Limited to May graduates. 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2110) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2110) LAB

ENME405 (PermReq) Energy Conversion Design; Grade Method: REG/P-F/AUD; Prerequisite: senior standing in mechanical engineering. Prerequisite: ENME 315, ENME 321. Co-requisite ENME 401. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF
0301 TuTh.....12:30pm- 1:45pm (EGR 2154) STAFF

ENME411 (PermReq) Introduction to Industrial Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (EGR 2112) STAFF

ENME414 (PermReq) Computer-Aided Design; Grade Method: REG/P-F/AUD; Design technical elective. Special permission required from instructor. 3 credits
0201 MWF.....11:00am-11:50am (EGL 1101) STAFF

ENME415 (PermReq) Engineering Applications of Solar Energy; Grade Method: REG/P-F/AUD; Prerequisites: ENME 315, ENME 321. Design technical elective. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2154) STAFF

ENME423 (PermReq) Environmental Engineering; Grade Method: REG/P-F/AUD; Design technical elective. Prerequisite: ENME 321, ENME 315. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1106) STAFF

ENME450 (PermReq) Mechanical Engineering Analysis For the Oceanic Environment; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2112) STAFF

ENME480 (PermReq) Engineering Experimentation; Grade Method: REG/P-F/AUD; Limited to May graduates. 3 credits
0101 M.....12:00pm-12:50pm (EGR 1202) STAFF
MW.....1:00pm- 3:30pm (CHE 2110) LAB

ENME488 Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. — 3 credits (PermReq)

ENME489 Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits (PermReq)

ENME489C Special Topics in Mechanical Engineering: Fundamentals of Fire and Combustion; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:00pm- 6:00pm (EGR 0135) Quintiere, J

ENME489E Special Topics in Mechanical Engineering: Mechanical Engineering Design of Electronic Systems; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 MWF.....8:00am- 8:50am (EGR 1104) STAFF

ENME489F Special Topics in Mechanical Engineering: Finite Element Analysis; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENME489R Special Topics in Mechanical Engineering: Robotics in Engineering; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 TuTh.....3:30pm- 4:45pm (EGR 0110) STAFF

ENME600 Advanced Mechanical Engineering Design; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....3:30pm- 4:45pm (EGR 2154) STAFF

ENME601 Embedded Microprocessor Design; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....6:30pm- 7:45pm (EGR 2154) STAFF

ENME607 Systems Modeling and Simulation; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....5:00pm- 6:15pm (EGR 0104) STAFF

ENME610 Optimization Design For Mechanical Engineering; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....5:00pm- 6:15pm (EGR 1106) STAFF

ENME622 Energy Conversion: Solid-State; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME632 Advanced Convection Heat Transfer; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME633 Advanced Classical Thermodynamics; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....5:00pm- 6:15pm (EGR 1126) STAFF

ENME652 Fundamentals of Fluid Mechanics II; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....6:30pm- 7:45pm (EGR 2154) STAFF

ENME655 Topics in Viscous Flow; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....3:30pm- 4:45pm (EGR 1110) STAFF

ENME664 Dynamics; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....6:30pm- 7:45pm (EGR 1104) STAFF

ENME670 Continuum Mechanics; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....5:00pm- 6:15pm (EGR 1120) STAFF

ENME678 Fracture Mechanics: Fracture Mechanics; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....6:30pm- 7:45pm (EGR 1120) STAFF

ENME701 Advanced Mechanical Engineering Analysis II; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....5:00pm- 6:15pm (EGR 0104) STAFF

ENME703 Mechanical Engineering Laboratory; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 TuTh.....3:30pm- 6:00pm (EGR 0102) STAFF

ENME788X Seminar; Grade Method: REG/AUD; — 1-3 credits (PermReq)
0101 Time and room to be arranged STAFF

ENME799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

ENME808 Advanced Topics in Mechanical Engineering: Special Topics; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 Time and room to be arranged STAFF

ENME808C Advanced Topics in Mechanical Engineering: Combustion; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 MW.....6:30pm- 7:45pm (EGR 0104) STAFF

ENME899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credit (PermReq)

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## ENNU Engineering, Nuclear (Engineering)

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ENNU215 Introduction to Nuclear Technology; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 MWF.....9:00am- 9:50am (CHE 2140) Modarres, M

ENNU310 Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU320 Nuclear Reactor Operation; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 MW.....11:00am-11:50am (CHE 2110) STAFF
M.....4:30pm- 6:30pm (CHE 1308) LAB
0102 MW.....11:00am-11:50am (CHE 2110) STAFF
Th.....9:00am-11:00am (CHE 1308) LAB
0103 MW.....11:00am-11:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (CHE 1308) LAB
0104 MW.....11:00am-11:50am (CHE 2110) STAFF
Th.....4:00pm- 6:00pm (CHE 1308) LAB
0105 MW.....11:00am-11:50am (CHE 2110) STAFF
F.....9:00am-11:00am (CHE 1308) LAB
0106 MW.....11:00am-11:50am (CHE 2110) STAFF
Sa.....9:30am-11:30am (CHE 1308) LAB
0107 MW.....11:00am-11:50am (CHE 2110) STAFF
F.....2:00pm- 4:00pm (CHE 1308) LAB

ENNU435 Activation Analysis; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 MWF.....10:00am-10:50am (CHE 2145) Duffey, D

ENNU455 Nuclear Reactor Engineering II; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 TuTh.....9:30am-10:45am (CHE 2120) Almenas, K

ENNU460 Nuclear Heat Transport; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 TuTh.....2:30pm- 3:45pm (CHE 2136) Hsu, Y

ENNU465 Nuclear Reactor Systems Analysis; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 TuTh.....4:00pm- 5:15pm (CHE 2120) Pertmer, G

ENNU468 Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits (PermReq)

ENNU490 Nuclear Fuel and Power Management; Grade Method: REG/P-F/AUD; — 3 credits (PermReq)
0101 TuTh.....9:30am-10:45am (CHE 2145) STAFF

ENNU609 Seminar in Nuclear Engineering; Grade Method: REG/AUD; — 1 credit
0101 Tu.....11:00am-11:50am (CHE 2117) Modarres, M

ENNU630 Nuclear Reactor Physics I; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:15pm- 6:30pm (CHE 2118) Munno, F

ENNU648 Special Problems in Nuclear Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits (PermReq)

ENNU648A Special Problems in Nuclear Engineering: Food Irradiation; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 M.....6:00pm- 8:00pm (CHE 2140) Silverman, J
Time and room to be arranged DIS

ENNU655 Radiation Engineering; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:45pm- 9:30pm (CHE 2140) Silverman, J

ENNU671 Nuclear Reactor Laboratory; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Munno, F

ENNU761 Nuclear Fuel and Waste Processing; Grade Method: REG/AUD; — 3 credits
0101 M.....6:30pm- 9:00pm (CHE 2136) Duffey, D

ENNU799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

ENNU899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits (PermReq)

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## ENTM Entomology (Life Sciences)

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ENTM100 Insects; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) Armstrong, E

ENTM205 Principles of Entomology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0101 MWF.....12:00pm-12:50pm (SYM 0200) Nelson, J
M.....2:00pm- 4:00pm (SYM 2303) LAB

ENTM252 Agricultural Insect Pests; Grade Method: REG/P-F/AUD; Prerequisite: one course in college biology. — 3 credits
0101 MF.....9:00am- 9:50am (SYM 0200) Harrison, F
M.....10:00am-12:00pm (SYM 2303) LAB
0102 MF.....9:00am- 9:50am (SYM 0200) Harrison, F
M.....12:00pm- 2:00pm (SYM 2303) LAB
0103 MF.....9:00am- 9:50am (SYM 0200) Harrison, F
F.....10:00am-12:00pm (SYM 2303) LAB

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) Lamp, W

ENTM399 Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits (PermReq)

ENTM424 Insect Collection and Identification; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....4:00pm- 7:00pm (SYM 2303) Messersmith, D

ENTM432 Insect Physiology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....8:00am- 8:50am (SYM 1308) Ma, M
F.....10:00am-12:00pm (SYM 2300) LAB

ENTM452 Insecticides; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....4:00pm- 4:50pm (SYM 1308) Menzer, R

ENTM472 Medical and Veterinary Entomology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....9:00am- 9:50am (SYM 1308) Armstrong, E
W.....1:00pm- 3:00pm (SYM 2300) LAB

ENTM612 Insect Ecology; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (SYM 1308) Denno, R

ENTM622 Principles of Systematic Entomology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (SYM 2300) Mitter, C

ENTM652A Laboratory Methods in Toxicology; Grade Method: REG/AUD; — 2 credits
0101 Tu.....1:00pm- 5:00pm (SYM 2300) LAB Nelson, J

ENTM652B Laboratory Methods in Toxicology; Grade Method: REG/AUD; — 1 credit
0101 Meets 01/27/87 - 03/17/87 Nelson, J
Tu.....1:00pm- 5:00pm (SYM 2300) LAB

ENTM654 Advanced Pest Management; Grade Method: REG/AUD; — 4 credits
0101 MWF.....3:00pm- 3:50pm (SYM 1308) Lamp, W
Th.....9:00am-11:00am (SYM 2300) LAB

ENTM699 Advanced Entomology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD; — 1-6 credits
0101 Time and room to be arranged Harrison, F
0201 Time and room to be arranged Dively II, G

ENTM798A Topic Seminar: Biosystematics and Morphology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798C Topic Seminar: Physiology and Toxicology-Insect Neurophysiology and Neuro-peptides; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Nelson, J

ENTM798D Topic Seminar: Insect Pest Management-Problems in Urban IPM; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Raupp, M

ENTM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

ENTM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits (PermReq)

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## FDSC Food Science (Agriculture)

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FDSC398 Seminar; Grade Method: REG; FDSC majors only. — 1 credit
0101 Th.....4:00pm- 4:50pm (HZF 1101) Wiley, R

FDSC399 Special Problems in Food Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits (PermReq)

FDSC412 Principles of Food Processing I; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 2:50pm (HZF 1108) Wiley, R
W.....3:00pm- 5:00pm (HZF 0113) LAB

FDSC422 Food Product Research and Development; Grade Method: REG/AUD; — 3 credits
0101 W.....10:00am-12:00pm (HZF 0113B) Schlimme, D
F.....10:00am-12:00pm (HZF 0113B) LAB

FDSC430 Food Microbiology; Grade Method: REG/AUD; — 2 credits
0101 Th.....9:30am-10:45am (ANS 1109) Westhoff, D

FDSC434 Food Microbiology Laboratory; Grade Method: REG/AUD; Majors only. — 2 credits
0101 TuTh.....12:00pm- 2:00pm (ANS 1150) LAB STAFF

FDSC451 Dairy Products Processing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....1:00pm- 1:50pm (ANS 1109) Marshall, J
F.....2:00pm- 5:00pm (ANS 1109) LAB

FDSC461 Technology of Market Eggs and Poultry; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:00pm-12:50pm (ANS 1109) Heath III, J
F.....12:00pm- 2:00pm (ANS 1150) LAB

FDSC689C Seminar in Food Science: Carbohydrates; Grade Method: REG/AUD; — 2 credits
0101 Tu.....7:00pm- 9:00pm (ANS 1109) Vijay, I

FDSC689P Seminar in Food Science: Food Irradiation; Grade Method: REG/AUD; — 3 credits (PermReq)
0101 M.....6:00pm- 8:00pm (CHE 2140) Silverman, J
Time and room to be arranged DIS

FDSC698 Colloquium in Food Science; Grade Method: REG; Majors only. — 1 credit
0101 Tu.....4:00pm- 4:50pm (HZF 1108) Heath III, J

FDSC699 Special Problems in Food Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits (PermReq)

FDSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

FDSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits (PermReq)

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## FMCD Family and Community Development (Human Ecology)

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FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD; For freshmen and sophomores only. — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0112) Wilson, L
0201 MWF.....11:00am-11:50am (ARM 0112) Wilson, L

FMCD202 Methods for Family, Community and Management Studies; Grade Method: REG/P-F/AUD; (Formerly FMCD 270.) — 3 credits
0101 TuTh.....11:00am-12:15pm (COL 3109) Hanna, W

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) Hanna, W

FMCD260 Interpersonal Life Styles; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CLB 0111) Zeiger, R

FMCD330 Family Patterns; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0201 TuTh.....2:00pm- 3:15pm (MMH 1400) Millstein, F

FMCD348 Practicum in Family and Community Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 12-36 hour per week involvement. Appropriate credits will be rewarded. — 4-12 credits (PermReq)

FMCD349 Analysis of Practicum: Analysis of Internship; Grade Method: REG/P-F/AUD; Advance written application required. Enrollment for one-credit required with first registration in FMCD 348. May be repeated in subsequent semesters, but must be taken with FMCD 348. — 1 credit (PermReq)
0101 Tu.....9:00am-11:00am (JMZ 0125) Millstein, F

FMCD370 Interpersonal Communication Processes; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....9:00am-11:45am (MMH 1206) Werlinich, C

FMCD386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387. — 1-3 credits (PermReq)

FMCD387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386. — 1-3 credits (PermReq)

FMCD399 Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits (PermReq)

FMCD431 Family Crises and Intervention; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Seniors and graduate students. Juniors by instructor's permission only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 0108) Epstein, N

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (WDS 1114) Churaman, C
0201 MWF.....11:00am-11:50am (TLF 0101) Churaman, C

FMCD443 Consumer Problems; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....1:00pm- 2:15pm (MMH 3418) Churaman, C

FMCD444 Human and Community Program Management; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:00pm- 6:45pm (MMH 1206) Lyons, E

FMCD460 Violence in the Family; Grade Method: REG/AUD; Seniors only. — 3 credits
0101 Tu.....7:00pm- 9:45pm (MMH 0108) Anderson, E

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1400) Myricks, N

FMCD497 The Child and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 1304) Myricks, N

FMCD499E Special Topics: Fundamentals of Employee Assistance Programs; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (MMH 1206) Feuer, B

FMCD499Y Special Topics: Evaluation of Family and Community Development Programs; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (MMH 1206) Lyons, E

FMCD604 Integrative Aspects of Family and Community Development; Grade Method: REG/AUD; — 3 credits
0101 M.....9:00am-11:45am (MMH 1206) Hula, R

FMCD610 Research Methods for Family and Community Development; Grade Method: REG/AUD; — 3 credits
0101 F.....9:00am-11:45am (MMH 1206) Anderson, E

FMCD641 The Dynamics of Couple Therapy; Grade Method: REG/AUD; — 3 credits
0101 Th.....9:00am-11:45am (MMH 1210) Epstein, N

FMCD642 Intergenerational Aspects of Family Therapy; Grade Method: REG/AUD; — 3 credits
0101 Th.....2:00pm- 4:45pm (MMH 1206) Gaylin, N

FMCD651 Clinical Practicum in Family Therapy I; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:00am-11:45am (MMH 1210) Leslie, L

FMCD653 Clinical Practicum in Family Therapy III; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:00am-11:45am (MMH 1206) Gaylin, N

FMCD661 Evaluation of Family and Community Development Programs; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (MMH 1206) Lyons, E

FMCD691 Family-Community Consultation; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Gaylin, N

FMCD698 Advanced Topics in Family and Community Development; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. — 1-3 credits (PermReq)

FMCD698E Advanced Topics in Family and Community Development: Fundamentals of Employee Assistance Programs; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (MMH 1206) — Feuer, B

FMCD698L Advanced Topics in Family and Community Development: Violence in the Family; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (MMH 0108) — Anderson, E

FMCD698W Advanced Topics in Family and Community Development: Human and Community Program Management; Grade Method: REG/AUD; — 1-3 credits
0101 M.....4:00pm- 6:45pm (WDS 1131) — Lyons, E

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FMCD699S Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD; — 1-6 credits
0101 Time and room to be arranged — Gaylin, N

FMCD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. — 1-6 credits

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## FOLA Foreign Language (Arts and Humanities)

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FOLA129 Introductory Middle Eastern Languages II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 1118) — Stowasser, K

The program is essentially self-instructional. The student supplies a blank tape and, in return, recieves a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examinar appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 3106. Mandatory orientation and scheduling meeting will be held at beginning of semister. Details posted outside JMZ 3122.

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD; By permission only. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139A (PermReq) Directed Study of a Foreign Language II: Hungarian II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138A or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139C (PermReq) Directed Study of a Foreign Language II: Modern Greek II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138C or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructor Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139D (PermReq) Directed Study of a Foreign Language II: Dutch II; Grade Method: REG/P-F/AUD; By permission only. Prerequisite: FOLA 138D or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139F (PermReq) Directed Study of a Foreign Language II: Polish II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138F or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139K (PermReq) Directed Study of a Foreign Language II: Persian II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138K or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138P or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139Q (PermReq) Directed Study of a Foreign Language II: Norwegian II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138Q or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139R (PermReq) Directed Study of a Foreign Language II: Turkish II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138R or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139S (PermReq) Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139U Directed Study of a Foreign Language II: — 3 credits
(PermReq) Korean II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138U or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB — MacBain, W

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139P or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149A (PermReq) Directed Study of a Foreign Language IV: Hungarian IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148A or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149D (PermReq) Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148D or consent of director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149F (PermReq) Directed Study of a Foreign Language IV: Polish IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148F or consent of program director. All students planning to take this course must complete application (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149K (PermReq) Directed Study of a Foreign Language IV: Persian IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148K or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148P or consent of director. All students planning to take this course must complete application form(available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149R (PermReq) Directed Study of a Foreign Language IV: Turkish IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148R. All students planning to take this course must complete application form(available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA149U (PermReq) Directed Study of a Foreign Language IV: Korean IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148U or consent of instructor. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158A (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hungarian; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Modern Greek; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158D (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Dutch; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158F (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Polish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158K (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Persian; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi; Grade Method: REG/P-F/AUD; Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158Q (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Norwegian; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158R (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Turkish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158U (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Korean; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD; Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 158X or 158P or consent of program director. All students planning to take this course must complete an application (available in JMZ 3106). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Orientation Program. — 6 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA329 Advanced Middle Eastern Languages II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:00pm- 1:15pm (KEY 1118) — Stowasser, K

FOLA389D Foreign Civilization: The Viking Era; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) — Fleck, J

FOLA389F Foreign Civilization: Modern Sweden; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 2102) — Oster, R

FOLA418T Practicum in Translation for International Diplomacy: French; Grade Method: REG/P-F; Students must attend an organizational meeting on 01/28/87 at 3:00pm in JMZ 2206; after that date contact Dr. Pulgram at 454-4301/4302 or 774-2666 for schedule information and assignment of computer training hours. — 3 credits
0101 Time and room to be arranged — STAFF

FOLA418U Practicum in Translation for International Diplomacy: German; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 01/28/87 at 3:00pm in JMZ 2206; after that date contact Dr. Pulgram at 454-4301/4302 or 774-2666 for schedule information and assignment of computer training hours. — 3 credits
0101 Time and room to be arranged — Pulgram, E

FOLA418Y Practicum in Translation for International Diplomacy: Russian; Grade Method: REG/P-F; Students must attend an organizational meeting on 01/28/87 at 3:00pm in JMZ 2206; after that date contact Dr. Pulgram at 454-4301/4302 or 774-2666 for schedule information and assignment of computer training hours. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) — Schallert, W

FOLA418Z Practicum in Translation for International Diplomacy: Spanish; Grade Method: REG/P-F; Students must attend an organizational meeting on 01/28/87 at 3:00pm in JMZ 2206; after that date contact Dr. Pulgram at 454-4301/4302 or 774-2666 for schedule information and assignment of computer training hours. — 3 credits
0101 Time and room to be arranged — STAFF

FOLA459G Foreign Literature in Translation: The Films of Ingmar Bergman; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 4:00pm (JMZ 3205) — Fleck, J

FOLA459W Foreign Literature in Translation: Soviet Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....3:00pm- 5:00pm (JMZ 3207) — Lekic, M
W.....4:00pm- 4:50pm (JMZ 3207)

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## FOOD Food (Human Ecology)

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FOOD240 (PermReq) Science of Food I; Grade Method: REG/P-F/AUD; Pre or co-requisite: CHEM 104 or CHEM 233. — 3 credits
0101 MW.....11:00am-11:50am (MMH 0108) — Choi, Y
M.....2:00pm- 5:00pm (MMH 3401) LAB
0102 MW.....11:00am-11:50am (MMH 0108) — Choi, Y
W.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD250 (PermReq) Science of Food II; Grade Method: REG/P-F/AUD; For department majors only. Prerequisite: FOOD 240. — 3 credits
0101 TuTh.....12:00pm-12:50pm (MMH 3418) — McDonald, S
M.....9:00am-12:00pm (MMH 3401) LAB
0102 TuTh.....12:00pm-12:50pm (MMH 3418) — McDonald, S
F.....9:00am-12:00pm (MMH 3401) LAB

FOOD450 Advanced Food Science II; Grade Method: REG/P-F/AUD; Offered spring semesters only. — 3 credits
0101 Th.....4:00pm- 4:50pm (MMH 3407) — Curtis, S
TuTh.....1:00pm- 4:00pm (MMH 3407) LAB

FOOD640 (PermReq) Food Enzymes; Grade Method: REG/AUD; Prerequisite: FOOD 440 or equivalent. — 3 credits
0101 Tu.....6:00pm- 8:45pm (MMH 3407) — Choi, Y

FOOD650 Advanced Experimental Food; Grade Method: REG/AUD; Offered spring semesters only. — 3 credits
0101 Th.....4:00pm- 4:50pm (MMH 3407) — Curtis, S
TuTh.....1:00pm- 4:00pm (MMH 3407) LAB

FOOD660 Research Methods; Grade Method: REG/AUD; Prerequisite: statistics course. — 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 3418) — Prather, M

FOOD688 Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) — Ahrens, R

FOOD789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FOOD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FOOD888 Doctoral Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — STAFF

FOOD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction — 1-8 credits

course: contact department or instructor to obtain section number.

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## FREN French (Arts and Humanities)

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Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building.

**FREN101** Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits

| | | |
|---|---|---|
| 0101 | MWThF.....8:00am- 8:50am (JMZ 0118) | STAFF |
| 0201 | MWThF.....8:00am- 8:50am (JMZ 0122) | STAFF |
| 0301 | MWThF.....9:00am- 9:50am (JMZ 0125) | STAFF |
| 0401 | MWThF.....9:00am- 9:50am (JMZ 0122) | STAFF |
| 0501 | MWThF.....10:00am-10:50am (JMZ 0122) | STAFF |
| 0601 | MWThF.....10:00am-10:50am (JMZ 0125) | STAFF |
| 0701 | MWThF.....12:00pm-12:50pm (JMZ 0125) | STAFF |
| 0801 | MWThF.....12:00pm-12:50pm (JMZ 0122) | STAFF |
| 0901 | MWThF.....1:00pm- 1:50pm (JMZ 0122) | STAFF |
| 1001 | MWThF.....1:00pm- 1:50pm (JMZ 0125) | STAFF |
| 1101 | TuTh.....2:00pm- 4:00pm (JMZ 0125) | STAFF |
| 1201 | MWThF.....11:00am-11:50am (JMZ 0125) | STAFF |
| 1301 | MW.....2:00pm- 4:00pm (JMZ 0125) | STAFF |
| 1401 | MWThF.....8:00am- 8:50am (JMZ 2125) | STAFF |
| 1501 | MW.....7:00pm- 9:00pm (JMZ 0125) | STAFF |

**FREN102** Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to students who have completed French 101. Read "Foreign Language Placement" section in this schedule. — 4 credits

| | | |
|---|---|---|
| 0101 | MTuWF.....8:00am- 8:50am (JMZ 0103) | STAFF |
| 0201 | MTuWF.....9:00am- 9:50am (JMZ 2125) | STAFF |
| 0301 | MTuWF.....10:00am-10:50am (JMZ 0103) | STAFF |
| 0401 | MTuWF.....11:00am-11:50am (JMZ 0122) | STAFF |
| 0501 | MTuWF.....12:00pm-12:50pm (JMZ 0103) | STAFF |
| 0601 | MTuWF.....1:00pm- 1:50pm (JMZ 0118) | STAFF |
| 0701 | MTuWF.....12:00pm-12:50pm (JMZ 0118) | STAFF |
| 0801 | MW.....2:00pm- 4:00pm (JMZ 0122) | STAFF |

**FREN103** Review of Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to students who have completed French 101. Read "Foreign language placement" section in this schedule. — 4 credits

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|---|---|---|
| 0101 | MWThF.....8:00am- 8:50am (JMZ 2123) | STAFF |
| 0201 | MWThF.....10:00am-10:50am (JMZ 0118) | STAFF |
| 0301 | MWF.....11:00am-11:50am (JMZ 2125) | STAFF |
| | Th.....11:00am-11:50am (JMZ 2120) | |

**FREN104** Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Read "Foreign Language Placement" section in this schedule. — 4 credits

| | | |
|---|---|---|
| 0101 | MTuWF.....8:00am- 8:50am (JMZ 2122) | STAFF |
| 0201 | MTuWF.....8:00am- 8:50am (JMZ 2120) | STAFF |
| 0301 | MTuWF.....10:00am-10:50am (JMZ 2120) | STAFF |
| 0401 | MTuWF.....11:00am-11:50am (JMZ 0103) | STAFF |
| 0501 | MTuWF.....11:00am-11:50am (JMZ 2120) | STAFF |
| 0601 | MTuWF.....12:00pm-12:50pm (JMZ 2120) | STAFF |
| 0701 | MTuWF.....12:00pm-12:50pm (JMZ 2122) | STAFF |
| 0801 | MTuWF.....1:00pm- 1:50pm (JMZ 2122) | STAFF |

**FREN104H** Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors course. — 4 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 4:00pm (JMZ 1125) | Jacoby, B |

**FREN122** Accelerated French II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 3120) | MacBain, W |

**FREN122H** Accelerated French II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 3120) | MacBain, W |

**FREN201** Review Grammar and Composition; Grade Method: REG/P-F/AUD; (Read above note.) — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 2120) | Bondurant D |
| 0201 | TuTh.....9:30am-10:45am (JMZ 2102) | STAFF |
| 0301 | MWF.....9:00am- 9:50am (JMZ 2123) | STAFF |

**FREN211** Intermediate Conversation; Grade Method: REG/P-F/AUD; (Read note above.) — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 0118) | STAFF |
| 0201 | MWF.....2:00pm- 2:50pm (JMZ 3120) | Black, C |
| 0301 | TuTh.....2:00pm- 3:15pm (JMZ 2102) | STAFF |

**FREN250** Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 2123) | STAFF |
| 0201 | TuTh.....11:00am-12:15pm (JMZ 2125) | STAFF |
| 0301 | TuTh.....11:00am-12:15pm (JMZ 3120) | Rubin, V |

**FREN250H** Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 2123) | STAFF |
| 0201 | TuTh.....11:00am-12:15pm (JMZ 2125) | STAFF |
| 0301 | TuTh.....11:00am-12:15pm (JMZ 3120) | Rubin, V |

**FREN301** Composition and Style; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (JMZ 2123) | Joseph, J |
| 0201 | MWF.....12:00pm-12:50pm (JMZ 0120) | Joseph, J |

**FREN302** Introduction to Translation; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (JMZ 2120) | Rubin, V |

**FREN311** French Conversation: Contemporary Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (JMZ 3120) | Mossman, C |
| 0201 | MWF.....2:00pm- 2:50pm (JMZ 0103) | Mossman, C |

**FREN312** French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (JMZ 0118) | STAFF |
| 0201 | TuTh.....9:30am-10:45am (JMZ 2123) | Barrabini, M |

**FREN351** French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (JMZ 3118) | Verdaguer, P |

**FREN351H** French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. — 3 credits

| | | |
|---|---|---|
| 101 | TuTh.....11:00am-12:15pm (JMZ 3118) | Verdaguer, P |

**FREN352** French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 3118) | Black, C |

**FREN352H** French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 3118) | Black, C |

**FREN386** (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

**FREN387** (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

**FREN398** (PermReq) Practicum in Spoken French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman. — 1 credit

**FREN399** (PermReq) Directed Study in French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details. — 1-3 credits

**FREN402** Advanced Grammar and Phonetics; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (JMZ 3118) | Joseph, J |

**FREN404** Advanced Conversation in French; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (JMZ 3120) | Barrabini, M |

**FREN406** Business and Commercial French; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (JMZ 2122) | Verdaguer, P |

**FREN439** Studies in 17th Century French Literature: Litterature Du 17e Siecle; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (JMZ 3118) | Black, C |

**FREN439H** Studies in 17th Century French Literature: Litterature Du 17R Siecle; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (JMZ 3118) | Black, C |

**FREN471** French Civilization I; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (JMZ 2123) | Barrabini, M |

**FREN471H** French Civilization I; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (JMZ 2123) | Barrabini, M |

**FREN479A** Masterworks of French Literature in Translation: The Age of Anxiety - The Literature of Existentialism and the Absurd; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (JMZ 0105) | Tarica, R |

**FREN489** Pro-Seminar in Themes or Movements of French Literature: Poetry; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (JMZ 3118) | Rubin, V |

**FREN489H** Pro-Seminar in Themes or Movements of French Literature: Poetry; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (JMZ 3118) | Rubin, V |

**FREN494H** (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

**FREN495H** (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

**FREN499A** Special Topics in French Studies: The Literature of Existentialism and The Absurd; Grade Method: REG/P-F/AUD: — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (JMZ 0105) | Tarica, R |
| | W.....10:00am-10:50am (JMZ 2102) DIS | |

**FREN499M** Special Topics in French Studies: Introduction to Literary Criticism.; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 2120) | Mossman, M |

**FREN619** Special Topic in Medieval French Literature: La Litterature Courtoise.; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | W.....2:00pm- 4:30pm (JMZ 3118) | MacBain, W |

**FREN665** The French Theatre in the Twentieth Century; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | M.....2:00pm- 4:30pm (JMZ 3118) | Demaitre, A |

**FREN679B** The History of Ideas in France: Cinema and Literature; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | M.....7:00pm- 9:00pm (JMZ 4223) | Lifton, M |
| | Time and room to be arranged LAB | |

**FREN679C** The History of Ideas in France: Sociology and Literary Theory; Grade Method: REG; — 3 credits

| | | |
|---|---|---|
| 0101 | M.....4:30pm- 6:30pm (JMZ 2102) | Heyndels, R |
| | Time and room to be arranged | |

**FREN679E** The History of Ideas in France: Feminist Literary Criticism and Practice; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | W.....4:00pm- 6:00pm (JMZ 4223) | Peterson, C |
| | Time and room to be arranged DIS | |

**FREN709** College Teaching of French; Grade Method: S-F; — 1 credit

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Verdaguer, P |

**FREN798** (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

**FREN799** (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

**FREN898** (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

**FREN899** (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## GEOG Geography (Behavior + Social Sci)

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**GEOG100** Introduction to Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....12:30pm- 1:20pm (LEF 2205) | Cirrincione, J |
| | F.....9:00am- 9:50am (ARM 0112) DIS | |
| 0102 | TuTh.....12:30pm- 1:20pm (LEF 2205) | Cirrincione, J |
| | F.....10:00am-10:50am (ARC 1101) DIS | |
| 0103 | TuTh.....12:30pm- 1:20pm (LEF 2205) | Cirrincione, J |
| | F.....11:00am-11:50am (ARC 1101) DIS | |
| 0104 | TuTh.....12:30pm- 1:20pm (LEF 2205) | Cirrincione, J |
| | F.....1:00pm- 1:50pm (ARM 0116) DIS | |
| 0105 | TuTh.....12:30pm- 1:20pm (LEF 2205) | Cirrincione, J |
| | Th.....2:00pm- 2:50pm (JRN 1116) DIS | |
| 0201 | TuTh.....2:00pm- 3:15pm (SHM 2101) | Mastran, S |

**GEOG110** The World Today: A Regional Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (JMZ 0220) | Harper, R |

**GEOG140** Coastal Environments; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (TYD 1101) | Leatherman, S |

**GEOG170** Maps and Map Use; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with GEOG 171, course may be counted as lab science requirement. — 3 credits

| | | |
|---|---|---|
| 0101 | Tu.....4:00pm- 6:30pm (LEF 2205) | Castner, H |

**GEOG171** Maps and Map Use Laboratory; Grade Method: REG/P-F/AUD; One two-hour lab per week. Pre or co-requisite: GEOG 170. — 1 credit

| | | |
|---|---|---|
| 0101 | Time and room to be arranged LAB | Castner, H |

**GEOG201** Geography of Environmental Systems; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) non-lab science and mathematics requirement. If taken with Geog 211, course may be counted as lab science requirement. — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (TYD 1102) | Kearney, M |

**GEOG202** The World in Cultural Perspective; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (LEF 2208) | Fonaroff, L |
| 0201 | TuTh.....9:30am-10:45am (LEF 2208) | Fonaroff, L |

**GEOG203** Economic Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (TAA 1130) | Fuchs, C |

**GEOG211** Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or co-requisite: GEOG 201 or GEOL 120. One two-hour lab per week. — 1 credit

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Kearney, M |

**GEOG305** Quantitative Methods in Geography; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (LEF 2208) | Brodsky, H |
| 0201 | MWF.....1:00pm- 1:50pm (TYD 1101) | Brodsky, H |

**GEOG310** Research and Writing in Geography; Grade Method: REG/P-F/AUD; Course satisfies English 391 composition requirement. Geography majors only. Co-requisite or prerequisite: GEOG 305. — 3 credits

| | | |
|---|---|---|
| 0101 | W.....2:00pm- 4:30pm (LEF 1221) | Mitchell, R |

**GEOG323** South America; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (LEF 1220) | Chaves, A |

**GEOG325** Soviet Union; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (JMZ 0105) | Harper, R |

**GEOG327** South Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (LEF 1222) | Peiris, G |

**GEOG340** Geomorphology; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (LEF 1208) | Leatherman, S |

**GEOG345** Climatology; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (LEF 1222) | Petzold, D |

**GEOG370** Principles of Cartography; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

| | | |
|---|---|---|
| 0101 | Th.....4:00pm- 6:30pm (LEF 2205) | Frieswyk, H |
| | Time and room to be arranged LAB | |

**GEOG372** Remote Sensing; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | M.....12:00pm- 2:00pm (LEF 1138) | Goward, S |
| | W.....12:00pm- 2:00pm (LEF 1138) LAB | |
| 0102 | M.....12:00pm- 2:00pm (LEF 1138) | Goward, S |
| | F.....12:00pm- 2:00pm (LEF 1138) LAB | |

**GEOG373** Computer Mapping; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 370 or CMSC 110 or permission of instructor. — 3 credits

| | | |
|---|---|---|
| 0101 | Th.....6:30pm- 9:00pm (TYD 1128) | Broome, F |

**GEOG384** (PermReq) Internship in Geography; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 305,310 and permission of instructor. Co-requisite: GEOG 385. — 3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | STAFF |

**GEOG385** (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 305,310 and permission of instuctor. Co-requisite: GEOG 384. — 3 credits

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|---|---|---|
| 0101 | Time and room to be arranged | STAFF |

**GEOG398** Honors Research; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Fonaroff, L |

**GEOG399** Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 398. — 3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Fonaroff, L |

**GEOG416** Overseas European Colonization and the Third World; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....3:30pm- 4:45pm (LEF 1201) | Mitchell, R |

**GEOG422** Population Geography; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | M.....7:00pm- 9:30pm (LEF 1201) | Christian, C |

**GEOG441** Geomorphological Environment; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | Th.....7:00pm- 9:30pm (LEF 1220) | Kearney, M |

**GEOG446** Applied Climatology; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 345 or consent of instructor. — 3 credits

| | | |
|---|---|---|
| 0101 | W.....7:00pm- 9:30pm (LEF 1179) | Petzold, D |

**GEOG456** The Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (LEF 1222) | Christian, C |

**GEOG471** Cartographic Production; Grade Method: REG/P-F/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | Th.....2:00pm- 4:00pm (LEF 1138) | Wiedel, J |
| | Time and room to be arranged LAB | |

**GEOG482** Geographic Information Systems; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or consent of instructor. Starting Fall 1987, this course is a prerequisite for GEOG 696. — 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....4:00pm- 5:30pm (LEF 1221) | Thompson, D |

**GEOG483** (PermReq) Survey of Computer Facilities for Geography and Urban Studies; Grade Method: REG/P-F/AUD; Does not satisfy GEOG/URBS requirement for M.A. students. GEOG/URBS graduate students who have already completed GEOG 483 can enroll for Spring 1987 as GEOG 498 - with permission of instructor. Micro-computers in GEOG and URBS will be the focus for this semester. — 1 credit

| | | |
|---|---|---|
| 0101 | Th.....2:30pm- 3:45pm (LEF 1221) | Eney, A |

**GEOG498** (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

**GEOG605** Quantitative Spatial Analysis; Grade Method: REG/AUD; Prerequisite: 3 hours of quantitative methods and computer experience required. Advanced special students require department authorization. — 3 credits

| | | |
|---|---|---|
| 0101 | Tu.....7:00pm- 9:30pm (LEF 1201) | Brodsky, H |

**GEOG610** Research Tutorial; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

| | | |
|---|---|---|
| 0101 | M.....5:00pm- 6:00pm (LEF 1222) | STAFF |

**GEOG618Q** Seminar in Geomorphology: Quaternary Geomorphological Environment; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

| | | |
|---|---|---|
| 0101 | Th.....7:00pm- 9:30pm (LEF 1220) | Kearney, M |

**GEOG625** Advanced Climatology; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

| | | |
|---|---|---|
| 0101 | W.....7:00pm- 9:30pm (LEF 1179) | Petzold, D |

**GEOG658A** Seminar in Historical Geography: American Colonial Era; Grade Method: REG/AUD; — 3 credits

| | | |
|---|---|---|
| 0101 | Th.....7:00pm- 9:30pm (LEF 1179) | Mitchell, R |

**GEOG788R** Selected Topics in Geography: Remote Sensing Seminar; Grade Method: REG/AUD; — 1-3 credits

| | | |
|---|---|---|
| 0101 | M.....7:00pm- 9:30pm (LEF 1220) | Goward, S |

**GEOG789** (PermReq) Independent Readings; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

**GEOG790** (PermReq) Internship in Geography; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

**GEOG798** (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

**GEOG799** (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: — 1-6 credits

contact department or instructor to obtain section number.

GEOG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## GEOL Geology (Comp, Math, & Phys Sci)

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GEOL100 Physical Geology; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If taken with GEOL 110, course may be counted as lab science requirement. 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (HJP 0226) | Ridky, R |
| 0201 | TuTh.....12:30pm- 1:45pm (HJP 0226) | Siegrist Jr, H |

GEOL101 Physical Geology for Science Students; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Concurrent registration with GEOL 110 recommended. 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (GEO 1120) | Weidner, J |

GEOL102 Historical Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (HJP 0226) | Yochelson, T |

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F/AUD; 1 credit

| | | | |
|---|---|---|---|
| 0101 | M.....9:00am-12:00pm (GEO 2106) LAB | STAFF | |
| 0201 | M.....1:00pm- 4:00pm (GEO 2106) LAB | STAFF | |
| 0301 | M.....6:00pm- 9:00pm (GEO 2106) LAB | STAFF | |
| 0401 | Tu.....9:00am-12:00pm (GEO 2106) LAB | STAFF | |
| 0501 | Tu.....1:00pm- 4:00pm (GEO 2106) LAB | STAFF | |
| 0601 | F.....12:00pm- 3:00pm (GEO 2106) LAB | STAFF | |
| 0701 | Th.....9:00am-12:00pm (GEO 2106) LAB | STAFF | |
| 0801 | Th.....1:00pm- 4:00pm (GEO 2106) LAB | STAFF | |

GEOL112 Historical Geology Laboratory; Grade Method: REG/P-F/AUD; 1 credit

| | | | |
|---|---|---|---|
| 0101 | W.....10:00am- 1:00pm (GEO 2106) LAB | STAFF | |
| 0201 | W.....6:00pm- 9:00pm (GEO 2106) LAB | STAFF | |

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....8:00am- 8:50am (HJP 0226) | Segovia, A |

GEOL322 Mineralogy; Grade Method: REG/P-F/AUD; 4 credits

| | | | |
|---|---|---|---|
| 0101 | TuTh.....8:00am- 8:50am (HJP 0226) | Chang, L | |
| | Tu.....9:00am-11:00am (GEO 2113) LAB | | |
| 0102 | TuTh.....8:00am- 8:50am (HJP 0226) | Chang, L | |
| | Tu.....1:00pm- 3:00pm (GEO 2113) LAB | | |

GEOL341 Structural Geology; Grade Method: REG/P-F/AUD; 4 credits

| | | | |
|---|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (HBK 0105) | McLellan, E | |
| | M.....2:00pm- 5:00pm (ARM 0103) LAB | | |
| 0102 | TuTh.....2:00pm- 3:15pm (HBK 0105) | McLellan, E | |
| | W.....2:00pm- 5:00pm (GEO 2113) LAB | | |

GEOL342 Sedimentation; Grade Method: REG/P-F/AUD; 4 credits

| | | | |
|---|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (GEO 1120) | Siegrist Jr, H | |
| | W.....1:00pm- 4:00pm (GEO 2106) LAB | | |

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....4:00pm- 5:30pm (HBK 1108) | Wylie, A |

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....4:00pm- 5:30pm (HBK 1108) | Wylie, A |

GEOL451 Groundwater Geology; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (GEO 1120) | Segovia, A |

GEOL453 Economic Geology; Grade Method: REG; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (GEO 2117) | Wylie, A |

GEOL474 Computer Modeling for Geologists; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (GEO 2107) | Nielsen, R |

GEOL475 General Oceanography; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | Tu.....6:00pm- 9:00pm (GEO 1120) | Orem, W |

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOL499A Special Problems in Geology; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (GEO 1120) | Yochelson, T |

GEOL499B Special Problems in Geology: Landform Analysis; Grade Method: REG/P-F/AUD; Prerequisite: GEOL 340 or permission of instructor. 1-3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Ridky, R |

GEOL499C Special Problems in Geology: Metamorphic Petrogenesis; Grade Method: REG/P-F/AUD; 1-3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | McLellan, E |

GEOL789 Recent Advances in Geology; Grade Method: REG/AUD; 2-4 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Weidner, J |

GEOL789A Recent Advances in Geology: Experimental Petrology; Grade Method: REG/AUD; 2-4 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Weidner, J |

GEOL789B Recent Advances in Geology: Computer Modeling for Geologists; Grade Method: REG/AUD; 2-4 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Nielsen, R |

GEOL789C Recent Advances in Geology: Special Problems in Igneous Petrology; Grade Method: REG/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Nielsen, R |

GEOL789D Recent Advances in Geology: Aqueous Geochemistry; Grade Method: REG; Prerequisite: GEOL 614. 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....8:00am- 9:15am (GEO 1120) | Candela, P |

GEOL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## GERM German (Arts and Humanities)

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GERM101 Elementary German I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; This course replaces GERM 111. 4 credits

| | | | |
|---|---|---|---|
| 0101 | MTuWF.....8:00am- 8:50am (JMZ 0204) | STAFF | |
| 0201 | MTuWF.....9:00am- 9:50am (JMZ 0204) | STAFF | |
| 0301 | MTuWF.....10:00am-10:50am (JMZ 0204) | STAFF | |
| 0401 | MTuWF.....11:00am-11:50am (JMZ 0204) | STAFF | |
| 0501 | MTuWF.....12:00pm-12:50pm (JMZ 0204) | STAFF | |
| 0601 | MTuWF.....1:00pm- 1:50pm (JMZ 0204) | STAFF | |
| 0701 | MTuWF.....2:00pm- 2:50pm (JMZ 0204) | STAFF | |

GERM102 Elementary German II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; This course replaces GERM 112. 4 credits

| | | | |
|---|---|---|---|
| 0101 | MWThF.....8:00am- 8:50am (JMZ 3203) | STAFF | |
| 0201 | MWF.....9:00am- 9:50am (JMZ 1122) | STAFF | |
| | Th.....9:00am- 9:50am (JMZ 1224) | | |
| 0301 | MWF.....10:00am-10:50am (JMZ 2123) | STAFF | |
| | Th.....10:00am-10:50am (JMZ 1224) | | |
| 0401 | MWF.....11:00am-11:50am (JMZ 1122) | STAFF | |
| | Th.....11:00am-11:50am (JMZ 1224) | | |
| 0501 | MWF.....12:00pm-12:50pm (JMZ 1122) | STAFF | |
| | Th.....12:00pm-12:50pm (JMZ 0204) | | |

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits

| | | |
|---|---|---|
| 0101 | MTuWF.....10:00am-10:50am (JMZ 1122) | STAFF |

GERM104 Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 1109) | STAFF |
| | Th.....9:00am- 9:50am (JMZ 0118) | |
| 0201 | MWF.....10:00am-10:50am (JMZ 1109) | STAFF |
| | Th.....10:00am-10:50am (JMZ 1226) | |
| 0301 | MWF.....12:00pm-12:50pm (JMZ 2102) | STAFF |
| | Th.....12:00pm-12:50pm (JMZ 1120) | |
| 0401 | MWF.....2:00pm- 2:50pm (JMZ 1122) | STAFF |
| | Th.....2:00pm- 2:50pm (JMZ 0204) | |

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (JMZ 3203) | Strauch, G |
| 0201 | MWF.....10:00am-10:50am (JMZ 3203) | Strauch, G |

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 3203) | STAFF |

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (JMZ 3205) | Pfister, G |

GERM285 German Film and Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MW.....2:00pm- 4:00pm (JMZ 3203) | Beicken, P |

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (JMZ 1104) | Fagan, S |

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (JMZ 3205) | STAFF |
| 0201 | MWF.....12:00pm-12:50pm (JMZ 3205) | STAFF |

GERM312 German Composition II; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (JMZ 3207) | STAFF |

GERM322 Highlights of German Literature II; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 3120) | Beicken, P |

GERM349A Yiddish Literature in Translation: Yiddish Culture - The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 4:00pm (JMZ 0105) | Bilik, D |

GERM368 Scandinavian Civilization: Modern Sweden; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | W.....2:00pm- 4:30pm (JMZ 2102) | Oster, R |

GERM369 Scandinavian Literature in Translation: The Films of Ingmar Bergman; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MW.....2:00pm- 4:00pm (JMZ 3205) | Fleck, J |

GERM382 German Civilization II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (JMZ 3205) | Herin, C |

GERM383 The Viking Era; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 3205) | Fleck, J |

GERM389J Topics in Germanic Culture: Honor as a Theme in Western Literature; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits

| | | |
|---|---|---|
| 0101 | M.....5:00pm- 7:30pm (JMZ 3203) | Jones, G |

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (JMZ 3203) | Herin, C |

GERM405 Stylistics; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....2:00pm- 3:15pm (JMZ 3207) | Best, O |

GERM416 German/English Translation II; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....3:00pm- 3:50pm (JMZ 1211) DIS | STAFF |

GERM419B Selected Topics in German Language Study: Business German; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (JMZ 1125) | Rojer, O |

GERM419D Selected Topics in German Language Study: Translation of Diplomatic Texts; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | STAFF |

GERM419J Selected Topics in German Language Study: German for Journalists; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (JMZ 3205) | Rojer, O |

GERM419P Selected Topics in German Language Study: Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 1/28/87 at 3:00 PM in JMZ 2206; after that date contact Dr. Pulgram at 454-4301/4302 or 774-2666 for schedule information and assignment of computer training hours. 3 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Pulgram, E |

GERM424 Classicism; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....12:30pm- 1:45pm (JMZ 3207) | Herin, C |

GERM434 Expressionism to 1945; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....3:30pm- 4:45pm (JMZ 3207) | Best, O |

GERM475 Old Norse; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | W.....4:00pm- 6:30pm (JMZ 3203) | Fleck, J |

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM499C Directed Study: Using the Micro-Computer as a Translation Workstation; Grade Method: REG; For students who lack computer skills but want to take GERM 419P or FOLA 418. 1 credit

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|---|---|---|---|
| 0101 | TBA | (KEY 3101) LAB | Pulgram, E |

GERM610 Structure of the German Language; Grade Method: REG/AUD; 3 credits

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|---|---|---|
| 0101 | W.....5:00pm- 7:30pm (JMZ 3205) | Fagan, S |

GERM622 Middle High German Literature II; Grade Method: REG/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | Th.....5:00pm- 7:30pm (JMZ 3207) | Strauch, G |

GERM632 The German Novelle; Grade Method: REG/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | Tu.....5:00pm- 7:30pm (JMZ 3207) | Best, O |

GERM671 Gothic, Old High German, Middle High German I; Grade Method: REG/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | M.....2:00pm- 4:30pm (JMZ 1104) | Oster, R |

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

0101: Beicken, Peter 0201: Best, Otto
0301: Bilik, Dorothy 0401: Fagan, Sarah
0501: Fleck, Jere 0601: Frederiksen, Elke
0701: Fuegi, John 0801: Herin, Christoph
0901: Oster, Rose-Marie 1001: Pfister, Guenter 1101: Strauch, Gabraele 1201: Brecht, Richard

GERM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GERM838 Seminar: The 20th Century; Grade Method: REG/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | M.....5:00pm- 7:30pm (JMZ 3207) | Beicken, P |

GERM839Z Seminar: Special Topics: Sociology and Literary Theory; Grade Method: REG; 3 credits

| | | |
|---|---|---|
| 0101 | M.....4:30pm- 6:30pm (JMZ 2102) | Heyndels, R |

Time and room to be arranged

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## GNED General Education (Undergraduate Studies)

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GNED300 Perspectives on Nuclear War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....8:00am- 9:15am (ZOP 1238) | Inouye, D |

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## GREK Greek (Arts and Humanities)

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See FOLA for Modern Greek.

GREK102 Elementary Greek; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GREK 101. 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....1:00pm- 1:50pm (JMZ 0120) | Hubbe, R |

GREK204 Intermediate Greek (Homer); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: GREK 203. 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (HZF 1108) | Hubbe, R |

GREK403 Greek Tragedy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (JMZ 0202) | Lee, H |

GREK488 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

The following courses in classics have been placed under the CLAS prefix: GREK 290: Greek and Latin Medical Terminology, GREK 309: Special Topics Greek Literature, GREK 370:Greek Literature in Translation. Students seeking information on these courses should consult the Schedule of Classes under CLAS.

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## GVPT Government and Politics (Behavior + Social Sci)

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GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits

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|---|---|---|
| 0101 | MWF.....11:00am-11:50am (LEF 2205) | Burack, C |
| 0201 | TuTh.....11:00am-12:15pm (LEF 2205) | Lehr, V |

GVPT170 American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (SKN 0200) | Colella, C |
| 0201 | MWF.....11:00am-11:50am (ARC 0204) | Hess, F |
| 0301 | TuTh.....9:30am-10:45am (LEF 2205) | Foreman Jr., C |
| 0401 | TuTh.....12:30pm- 1:45pm (SHM 2102) | Sykora, S |

GVPT170H American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits

| | | |
|---|---|---|
| 0101 | M.....2:00pm- 4:45pm (LEF 1222) | Garber, J |

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (TYD 1101) | Swaine, K |
| 0201 | TuTh.....9:30am-10:45am (TYD 1102) | Vietri, L |

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (LEF 2208) | Ghanima, M |

GVPT231 Law and Society; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (LEF 2166) | Parker, P |
| 0201 | TuTh.....12:30pm- 1:45pm (HJP 2242) | Soltan, K |

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....12:00pm-12:50pm (JMZ 0220) | Jennings, G |
| 0201 | TuTh.....2:00pm- 3:15pm (HJP 2242) | Lehr, V |

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....8:00am- 9:15am (LEF 2166) | Glendening, P |

GVPT282 The Government and Politics of the Third World; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....11:00am-11:50am (TYD 1102) | Kim, D |

GVPT300 International Political Relations; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....10:00am-10:50am (TYD 1102) | Payne, R |
| 0201 | MWF.....1:00pm- 1:50pm (ARM 0112) | Latimer, M |
| 0301 | TuTh.....9:30am-10:45am (TYD 1101) | Phillips, W |
| 0401 | W.....6:30pm- 9:15pm (TYD 1102) | Allouche, B |

GVPT306 Global Ecopolitics; Grade Method: REG/P-F/AUD; 3 credits

| | | |
|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (LEF 2166) | Pirages, D |

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Maryland General Assembly interns. 6 credits

| | | |
|---|---|---|
| 0101 | Time and room to be arranged | Lanning, E |

GVPT376B Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Capitol Hill interns. 6 credits

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|---|---|---|
| 0101 | Time and room to be arranged | Lanning, E |

GVPT376C Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Public Sector Internship Program. 6 credits

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|---|---|---|
| 0101 | Time and room to be arranged | Vietri, L |

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Maryland General Assembly interns. 3 credits

| | | |
|---|---|---|
| 0101 | M.....3:30pm- 6:15pm (LEF 2138H) | Lanning, E |

GVPT377B Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Capitol Hill interns. 3 credits

| | | |
|---|---|---|
| 0101 | W.....3:30pm- 6:15pm (LEF 2138H) | Lanning, E |

GVPT377C Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Public Sector Internship Program. 3 credits

| | | |
|---|---|---|
| 0101 | W.....3:30pm- 6:15pm (LEF 2123) | Vietri, L |

GVPT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. 3 credits

GVPT393H Honors Seminar in Public Policy, Political Behavior and Methodology; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2138H) Stone, C

GVPT396 (PermReq) Introduction to Political Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT399A Seminar in Government and Politics: Politics of International Economic Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0117) Kaminski, B

GVPT399B Seminar in Government and Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1130) STAFF

GVPT401 Problems of World Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1124) STAFF

GVPT402 International Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 2166) Piper, D

GVPT403 Law, Morality and War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (LEF 2166) Piper, D

GVPT414 Administrative Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (MMH 1304) Ranald, R

GVPT422 Quantitative Political Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TAA 1130) Evans, L

GVPT429A Problems in Political Behavior: Presidents and Popes: The Comparitive Politics of Religion; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Mason, L

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 1221) McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (TYD 1101) Claude, R

GVPT433 The Judicial Process; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1101) McIntosh, W

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LEF 2208) McCarrick, E

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2166) Alford, C

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2166) Terchek, R
0201 MWF.....10:00am-10:50am (JMZ 0105) Jennings, G

GVPT443 Contemporary Political Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SHM 2102) Terchek, R

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2208) Wilkenfeld, J

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (TYD 1101) Douse, G

GVPT453 Recent East Asian Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 1201) Hsueh, C

GVPT457 American Foreign Relations; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2166) McNelly, T
0201 TuTh.....9:30am-10:45am (LEF 2166) Quester, G

GVPT462 Urban Politics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1130) Stone, C

GVPT473 Legislatures and Legislation; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (TYD 2111) Rundquist, P

GVPT479A Problems of American Public Policy: Politics of the Vietnam War; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4205) Vietri, L

GVPT479B Problems of American Public Policy: Interest Groups in the Policy Process; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) Reeves, M

GVPT480 Comparative Political Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1102) Heisler, M

GVPT481 Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1102) Oren, N

GVPT482 Government and Politics of Latin America; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) Lanning, E

GVPT483 Government and Politics of Asia; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 1220) McNelly, T

GVPT486 Comparative Studies in European Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (TYD 1128) Kelleher, C

GVPT492 The Comparative Politics of Race Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1122) Mason, L

GVPT622 Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (LEF 2138H) Wiley, S

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 2138H) Soltan, K

GVPT710 Introduction to Graduate Study in Public Administration; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2176) Foreman Jr., C

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2138H) Wiley, S

GVPT729 Special Topics in Quantitative Political Analysis: Research Practicum; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2176) Conway, M

GVPT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GVPT808 Selected Topics in Functional Problems in International Relations: The Comparative Syudy of Security Policy; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2123) Heisler, M

GVPT813 Problems of Public Personnel Administration; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (LEF 2176) Ranald, R

GVPT828 Selected Problems in Political Behavior: Between Liberalism and Capitalism: The Democratic State; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (LEF 2155) Elkin, S

GVPT838 Topics in Formal Political Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2138H) Oppenheimer, J

GVPT845 Marxist Political Theory; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2123) Kaminski, B

GVPT847 Seminar in Non-Western Political Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (LEF 2123) Butterworth, C

GVPT848 Current Problems in Political Theory: Cultural Marxism and the Critical Theory of Society; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (TYD 2109) Alford, C.

GVPT859 Selected Topics in Public Policy: Human Rights in U.S. Domestic and Foreign Policy; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (LEF 2123) Claude, R

GVPT862 Seminar On Intergovernmental Relations; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2155) Reeves, M

GVPT872 Judicial Process and Behavior; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (LEF 2155) McIntosh, W

GVPT873 Seminar in Legislatures and Legislation; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2123) Uslaner, E

GVPT876 Seminar in National Security Policy; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2123) Bobrow, D

GVPT878 Problems in American Government and Politics: Seminar in Legislative Executive Relations; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (JRN 1103) Malbin, M

GVPT887 Seminar in the Politics of Developing Nations; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2155) Phillips, W
0201 Th.....6:30pm- 9:15pm (TYD 2111) Christensen-Abe

GVPT889A Selected Topics in Area Problems in International Relations: The Foreign Policy of China; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (LEF 1221) Hsueh, C

GVPT889B Selected Topics in Area Problems in International Relations: The Soviet Union and Eastern Europe; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 1210) Oren, N

GVPT889C Selected Topics in Area Problems in International Relations: Managing Alliance Relations; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1210) Weinberg, Y

GVPT889D Selected Topics in Area Problems in International Relations: Soviet and East European Attitudes Towards the Third Wrld; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2176) Dawisha, K

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. 3 credits

GVPT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## HEBR Hebrew (Arts and Humanities)

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Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Liberman (for courses HEBR 112, 211, and 212) or contact Dr. Manekin on questions of placement above the Hebrew 212 level.

HEBR112 Elementary Hebrew II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: HEBR 111 or equivalent. Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the Fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Liberman (for courses HEBR 112,211, and 212) or contact Dr. Manekin on questions of placement above the HEBR 212 level. 6 credits
0101 MWF.....9:00am-11:00am (JMZ 1104) Liberman, E
0201 MWF.....9:00am-11:00am (JMZ 2117) Levy, N

HEBR212 Intermediate Hebrew II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: HEBR 211 or equivalent. 6 credits
0101 MWF.....11:00am- 1:00pm (JMZ 2117) Liberman, E

HEBR231 Jewish Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....7:00pm- 9:30pm (JMZ 2122) Mintz, A

HEBR298B Special Topics in Jewish Studies: Faith and Authority in Judaism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2117) Manekin, C

HEBR314 Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 1104) Mintz, A

HEBR382 Readings in Hebrew Newspapers and Periodicals; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1109) Levy, N

HEBR441 Studies in Classical Hebrew and Epigraphy; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....9:30am-12:00pm (JMZ 2106B) Oded, B

HEBR442 Classical Hebrew Literature; Grade Method: REG/P-F/AUD; Contact department to make arrangements. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2117) Oded, B

HEBR472 Readings in Medieval Hebrew; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2117) Manekin, C

HEBR498D Special Topics in Hebrew: The Philosophy of Spinoza; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2117) Manekin, C

HEBR498R Special Topics in Hebrew: Reconstructing Ancient Civilizations - The Case of Mesopotamia; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 1226) Oded, B

HEBR498T Special Topics in Hebrew: Translation Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (JMZ 2106B) Liberman, E

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## HESP Hearing and Speech Sciences (Behavior + Social Sci)

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HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 1201) Dingwall, W

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 2205) Corazza, J

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1201) Dingwall, W

HESP311 Anatomy, Pathology and Physiology of the Auditory System; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Gordon-Salant,

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2208) Yeni-Komshian,

HESP402 Speech Pathology I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LEF 1201) Roth, F

HESP403 Introduction to Phonetic Science; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2208) Hamlet, S

HESP404 Speech Pathology II; Grade Method: REG/P-F/AUD; Course Chairman - McCall. 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1201) STAFF

HESP418 (PermReq) Clinical Practice in Speech-Language Pathology and Audiology; Pathology and Audiology; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 WF.....12:00pm-12:50pm (LEF 0135) Patrick, S
Time and room to be arranged LAB

HESP498C Seminar: Computer Applications in Hearing and Speech; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1208) Hamlet, S

HESP498D Seminar: Computer Applications in Hearing and Speech Sciences; Grade Method: REG/P-F; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1208) Hamlet, S

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP612 Stuttering; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP614 Orofacial Anomalies; Grade Method: REG/AUD; 3 credits
0101 W.....9:30am-12:00pm (LEF 0135) McCall, G

HESP620 Articulation Disorders; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP638 (PermReq) Minor Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP639A Special Topics in Hearing and Speech Sciences: Habilatative Audiology; Grade Method: REG/AUD; 3 credits
0101 F.....1:00pm- 3:30pm (LEF 0135) Baker, D

HESP639C Special Topics in Hearing and Speech Sciences: Pragmatics; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) Roth, F

HESP639D Special Topics in Hearing and Speech Sciences: Pediatric Audiology; Grade Method: REG/AUD; 1-3 credits
0101 W.....3:30pm- 6:00pm (LEF 0135) Baker, D

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD; Course chairman - Roth. Majors only. 1-3 credits
0101 Time and room to be arranged Brigham, E
Time and room to be arranged LAB

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG/AUD; Course chairman - Roth. Majors only. 1-3 credits
0101 Time and room to be arranged Brigham, E

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD; Course chairman - Gordon-Salant. Majors only. 1-3 credits
0101 Time and room to be arranged Wagner, G

HESP649B (PermReq) Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD; Course chairman - Gordon-Salant. Majors only. 1-3 credits
0101 Time and room to be arranged Perlroth, L
Time and room to be arranged LAB

HESP700 Hearing-aid Characteristics and Performance; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0135) Gordon-Salant,

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP724 Quantitative Methods in Hearing and Speech Science; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (LEF 0135) Yeni-Komshian,

HESP728 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD; Course chairman - McCall. Majors only. 1-8 credits
0101 TBA (LEF 0135) Patrick, S
Time and room to be arranged LAB

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD; Course chairman - McCall. Majors only. 1-8 credits
0101 TBA (LEF 0135) McCabe, M
Time and room to be arranged LAB

HESP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## HIST History (Arts and Humanities)

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HIST108A Biography in History: Shapers of Islam; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0117) Stowasser, K

HIST130 The Ancient World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first day of classes. 3 credits
0101 TuTh.....1:00pm- 1:50pm (KEY 0106) Holum, K
Time and room to be arranged DIS

HIST132 The Rise of the West: 1500--1789; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first day of classes. 3 credits
0101 TuTh.....10:00am-10:50am (HJP 2242) Williams, W
Time and room to be arranged DIS

HIST132H The Rise of the West: 1500--1789; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....3:00pm- 5:00pm (TLF 0108) Williams, W
Time and room to be arranged DIS

HIST133 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first class session. 3 credits
0101 MW.....11:00am-11:50am (KEY 0102) Harris, J
Time and room to be arranged DIS
0201 TuTh.....9:00am- 9:50am (KEY 0106) Matossian, M
Time and room to be arranged DIS

HIST145 The Humanities II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 1117) Majeska, G

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section assigned first class session. 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) Bradbury, M
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (KEY 0106) Farrell, R
Time and room to be arranged DIS
0301 MW.....9:00am- 9:50am (KEY 0106) Evans, E
Time and room to be arranged DIS
0401 TuTh.....2:00pm- 2:50pm (KEY 0106) McCusker, J
Time and room to be arranged DIS
0501 MW.....11:00am-11:50am (KEY 0106) Olson, A
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections assigned first class session 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0102) Ridgway, W
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (KEY 0102) Smith, C
Time and room to be arranged DIS
0301 MW.....12:00pm-12:50pm (KEY 0102) Nicklason, F
Time and room to be arranged DIS
0401 MW.....10:00am-10:50am (KEY 0103) Callcott, G
Time and room to be arranged DIS
0501 TuTh.....1:00pm- 1:50pm (KEY 0102) Kaufman, S
Time and room to be arranged DIS

HIST200 Introduction to the History of Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first class session. 3 credits
0101 TuTh.....9:00am- 9:50am (KEY 0102) Hagen, J
Time and room to be arranged DIS

HIST211 Women in America Since 1880; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) Gullickson, G

HIST225 Modern Military History, 1815-Present; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0102) Sumida, J

HIST235 History of Britain 1461 to 1714; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0103) Breslow, M
Time and room to be arranged DIS

HIST251 Latin American History II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0126) Wright, W

HIST265 Social and Cultural History of Modern America; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 4210) Flack, J

HIST266 The United States in World Affairs; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0116) Smith, E

HIST275 Law and Constitutionalism in American History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 1117) Henretta, J

HIST283 History of the Jewish People II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) Goodblatt, D

HIST285 East Asian Civilization II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0116) Folsom, K

HIST290 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0125) Perinbam, B

HIST305 The Eastern Orthodox Church: Its Cultural History; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0124) Majeska, G

HIST309A Proseminar in Historical Writing: The Gilded Age 1860-1896; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 5:00pm (TLF 0108) Nicklason, F
Time and room to be arranged DIS

HIST309B Proseminar in Historical Writing: Social History of Washington, D.C.; Grade Method: REG/P-F/AUD; 3 credits
0201 Tu.....2:00pm- 4:00pm (KEY 0107) Flack, J
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: Topics in Middle Eastern History; Grade Method: REG/P-F/AUD; 3 credits
0301 Th.....2:00pm- 4:00pm (KEY 1118) Zilfi, M
Time and room to be arranged DIS

HIST309D Proseminar in Historical Writing: Tudor/Stuart England; Grade Method: REG/P-F/AUD; 3 credits
0401 Th.....4:00pm- 6:00pm (JRN 1101) Breslow, M
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: Modern European History; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....2:00pm- 4:00pm (KEY 0107) Matossian, M
Time and room to be arranged DIS

HIST309G Proseminar in Historical Writing: War, Power and the Japanese Constitution; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 0101) Mayo, M
Time and room to be arranged LAB

HIST309I Proseminar in Historical Writing: European History; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....3:00pm- 5:00pm (KEY 2119) Yaney, G
Time and room to be arranged DIS

HIST309J Proseminar in Historical Writing: 20th Century British Defense Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....3:00pm- 5:00pm (TLF 0108) Sumida, J
Time and room to be arranged DIS

HIST310 The Practice of History: Archaeology and History of Biblical Lands; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....3:00pm- 5:00pm (JRN 1103) Holum, K
Time and room to be arranged DIS

HIST313A Crisis and Change in European Society: Freedom and Authority; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0106) Eckstein, A

HIST314A Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Zilfi, M

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) Wright, W

HIST319A Special Topics in History: Women, Family and Community in the Middle East; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1118) Zilfi, M
Time and room to be arranged DIS

HIST319C Special Topics in History: Postwar Japan Through Film and Fiction; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1117) Mayo, M
Th.....2:00pm- 3:15pm (KEY 1117)

HIST325 Alexander the Great and the Hellenistic Age; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 1117) Eckstein, A

HIST327 The Roman Empire; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0119) Holum, K

HIST331 Medieval Civilization II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (KEY 1117) Spiegel, G

HIST333 Europe During the Renaissance and Reformation II; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) Weissman, R

HIST335 The Old Regime and the French Revolution, 1748-1815; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1118) Williams, W

HIST336 Europe in the 19th Century, 1815-1919; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0103) Sutherland, D

HIST337 Europe in the World Setting of the 20th Century; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0103) Sumida, J

HIST346 Social and Cultural History of Europe; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0121) Matossian, M

HIST347 History of Crime and Punishment in England; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) Cockburn, J

HIST361 The American Revolution; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0116) Evans, E

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0124) Bradbury, M

HIST364 Reconstruction and the New Nation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0124) Nicklason, F

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD; Discussion sections assigned first class session. 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0106) STAFF
Time and room to be arranged DIS

HIST376 History of Zionism and the State of Israel; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) STAFF

HIST391 Middle East II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0126) Stowasser, K

HIST396 Honors Colloquium II; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:00pm (KEY 0107) Bradbury, M
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Olson, A

HIST400 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST403 20th Century Revolutions in the Physical Sciences; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (HBK 0117) Brush, S

HIST409 Topics in the History of Science and Technology: Technology and Social Change in History; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0121) Friedel, R

HIST413 History of Medicine and Public Health; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) Hagen, J

HIST415 History of European Ideas II; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:00pm (KEY 2119) Haber, F
Time and room to be arranged DIS

HIST419A Special Topics in History: Black Radicalism; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0121) Moss Jr., A

HIST419B Special Topics in History: History of Middle East Before Islam; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0121) Goodblatt, D

HIST419C Special Topics in History: Africa Since Independence; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....2:00pm- 4:00pm (KEY 0117) Perinbam, B
Time and room to be arranged DIS

HIST419F Special Topics in History: Islam in Africa; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 0117) Perinbam, B
Time and room to be arranged DIS

HIST419G Special Topics in History: The Image of Humanity in Western Spirituality; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0123) Hill, B

HIST419I Special Topics in History: Race and Immigration in Modern Britain; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0120) Tabili, L

HIST423 Byzantine Empire II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0103) Majeska, G

HIST425 History of Russia From 1801 - 1917; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (KEY 0124) Yaney, G

HIST426 Age of Industry: Britain 1760 to 1914; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0121) Tabili, L

HIST431 Stuart England; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0124) Breslow, M

HIST441 Germany in the Twentieth Century, 1914-1945; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0121) Harris, J

HIST442 The Soviet Union; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) Foust, C

HIST445 Twentieth Century European Diplomatic History; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0124) Kent, G

HIST453 Diplomatic History of the United States Since 1898; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (KEY 0116) Cole, W
F.....11:00am-11:50am (KEY 2119) DIS

HIST455 Constitutional History of the United States: Since 1860; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 1118) Belz, H

HIST458A Selected Topics in Women's History: Victorian Women; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0124) Gullickson, G

HIST459 Society in America: Historical Topics: Aspects of American Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 1117) Flack, J

HIST461 Blacks in American Life: 1865 to Present; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0119) Moss Jr., A

HIST467 History of Maryland; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 1117) Callcott, G

HIST472 History of the Argentine Republic; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....3:00pm- 5:00pm (TLF 0108) Wright, W
Time and room to be arranged DIS

HIST481 A History of Modern China; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0121) Folsom, K

HIST483 History of Japan Since 1800; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) Mayo, M

HIST600 Historiography; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (JRN 1101) Ridgway, W
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD; Emphasis on Early Modern European History. 3 credits
0101 M.....7:00pm- 9:00pm (KEY 2119) Spiegel, G
Time and room to be arranged DIS

HIST606 Seminar in the History and Philosophy of Science and Technology; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 1118) Friedel, R
Time and room to be arranged DIS

HIST618 Readings in the History of Women; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 2119) Gullickson, G
Time and room to be arranged DIS

HIST619A Special Topics in History: Readings in 19th Century U.S. History; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0107) Belz, H
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST619C Special Topics in History: Readings in Afro-American History; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0107) Moss Jr., A
Time and room to be arranged DIS

HIST619D Special Topics in History: Reading/Writing Seminar in Modern Diplomatic History; Grade Method: REG/AUD; Instructors are W. Cole and G. Kent. 1-3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 2119) Kent, G

HIST629 Readings in the American Revolution and the Formative Period; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:00pm (KEY 2119) Hoffman, R
Time and room to be arranged DIS

HIST668 Readings in American Social History: Transition to Capitalism 1750-1900; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Henretta, J
Time and room to be arranged DIS

HIST678 Readings in American Labor History: Emphasis on the 20th Century; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0107) Kaufman, S
Time and room to be arranged DIS

HIST719 Readings in the History of the Renaissance and Reformation; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Weissman, R
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 8:00pm (KEY 1118) Sutherland, D
Time and room to be arranged DIS

HIST739 Readings in the History of Great Britain and the British Empire Commonwealth; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) Cockburn, J
Time and room to be arranged DIS

HIST779 (PermReq) Readings in Middle Eastern History; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Stowasser, K
Time and room to be arranged DIS

HIST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST818 Seminar in Historical Editing; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (KEY 1118) Brugger, R
Time and room to be arranged DIS

HIST839 Seminar in Medieval and Early Modern European History; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 4:00pm (KEY 1118) Spiegel, G
Time and room to be arranged DIS

HIST840 Seminar in Greek History; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 0107) Eckstein, A
Time and room to be arranged DIS

HIST844 Seminar in the History of the Renaissance and Reformation; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2101E) Haber, F
Time and room to be arranged DIS

HIST848 Seminar in Modern European History; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) Harris, J
Time and room to be arranged DIS

HIST849 Seminar in Russian History; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:00pm (KEY 0107) Foust, C
Time and room to be arranged DIS

HIST858 Seminar in the History of Great Britain and the British Empire-Commonwealth; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2119) Price, R
Time and room to be arranged DIS

HIST878 Seminar in Colonial American History; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 1118) Olson, A
Time and room to be arranged DIS

HIST888 Seminar in the Middle Period and Civil War; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2149) Smith, E
Time and room to be arranged DIS

HIST893 Seminar in the Economic History of the United States; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 3111) McCusker, J
Time and room to be arranged DIS

HIST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

## HLTH Health (Phys Ed, Recr, & Health )

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....10:00am-10:50am (PRH 0302) STAFF

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1312) Thomas, S
0201 MWF.....1:00pm- 1:50pm (PRH 1312) Beck, K
0301 MWF.....2:00pm- 2:50pm (PRH 1312) Beck, K
0401 Th.....7:00pm- 9:40pm (PRH 1312) Thomas, S

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 1301) STAFF
0201 Th.....7:00pm- 9:40pm (PRH 1303) STAFF
0301 MWF.....9:00am- 9:50am (PRH 0303) Dotson Jr., J
0401 MWF.....1:00pm- 1:50pm (PRH 1302) Dotson Jr., J

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD; 2 credits
0101 M.....8:00am- 9:45am (PRH 0302) STAFF
0201 W.....8:00am- 9:45am (PRH 0302) STAFF
0301 M.....10:00am-11:45am (PRH 0302) Ramsey, S
0401 W.....10:00am-11:45am (PRH 0302) Ramsey, S
0501 Tu.....8:00am- 9:45am (PRH 0302) STAFF
0601 Th.....8:00am- 9:45am (PRH 0302) STAFF

HLTH270 Safety Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (COL 0113) STAFF
0201 MWF.....1:00pm- 1:50pm (COL 0113) STAFF
0301 TuTh.....11:00am-12:15pm (COL 0113) STAFF

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 1312) Allen, R
0201 M.....3:00pm- 5:30pm (PRH 1312) Allen, R
0301 WF.....11:00am-12:15pm (PRH 1312) Schiraldi, G
0401 Tu.....4:15pm- 6:45pm (PRH 1312) STAFF
0501 MW.....2:00pm- 3:15pm (PRH 0308) Ramsey, S
0601 TuTh.....2:00pm- 3:15pm (PRH 0308) Greenberg, J

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (COL 0113) Beck, K
0201 TuTh.....2:00pm- 3:15pm (COL 0113) STAFF

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1312) Greenberg, J
0201 W.....7:00pm- 9:40pm (ZOP 1240) STAFF
0301 Tu.....7:00pm- 9:40pm (PRH 1312) STAFF

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

HLTH420 Methods and Materials in Health Education; Grade Method: REG/P-F/AUD; Prerequisites: HLTH 105 or 140, 310 or consent of instructor. 3 credits
0101 M.....10:00am-12:00pm (PRH 0307) Miller, C
W.....10:00am-12:00pm (PRH 0307) LAB

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0308) Miller, C
0201 MW.....2:00pm- 3:15pm (PRH 1301) Miller, C

HLTH471 Women's Health; Grade Method: REG/P-F/AUD; Women with at least 56 credits earned. 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1312) Hollander, R
0201 TuTh.....12:30pm- 1:45pm (PRH 1302) Hollander, R

HLTH476 Death Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1312) Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD; Check with instructor for opening date. 3 credits
0101 Sa.....8:30am- 1:30pm (COL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498B Special Topics in Health: Health-Related Issues in Eating and Fitness; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0308) Mann, P

HLTH498F Special Topics in Health: Alcohol Use--Trends and Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 0113) Clearwater, H

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged McKay, R

HLTH498M Special Topics in Health: Micro Computer Applications in Health Education; Grade Method: REG; 3 credits
0101 W.....7:00pm- 9:40pm (PRH 0305) Gold, R

HLTH498R Special Topics in Health: Introduction to Community Health; Grade Method: REG/P-F/AUD; Prerequisite: MICB 100 or 200 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0301) McKay, R

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: HLTH 285. Student must present department with unofficial transcript showing proof of taking HLTH 285. Juniors and seniors only. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0302) Schiraldi, G

HLTH600 (PermReq) Seminar in Health; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

HLTH652 Seminar in Death Education; Grade Method: REG/AUD; Grad students only. 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0302) Leviton, D

HLTH665 Health Behavior I; Grade Method: REG; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0308) Feldman, R

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688D Special Problems in Health Education: The Psychological Dynamics of Coping with Stress; Grade Method: REG/AUD; Grad students only. 3 credits
0101 W.....7:00pm- 9:40pm (PRH 0303) Schiraldi, G

HLTH688E Special Problems in Health Education: Behavioral Aspects in Accident Causation and Prevention; Grade Method: REG; 3 credits
0101 Th.....4:15pm- 6:45pm (COL 0113) Beck, K

HLTH688Q Special Problems in Health Education: Quantitative Techniques in Health Education; Grade Method: REG/AUD; Grad students only. Prerequisite: HLTH 710 or permission of instructor. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0308) Gold, R

HLTH710 Methods and Techniques of Research; Grade Method: REG/AUD; Grad students only. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0301) Feldman, R

HLTH720 Scientific Foundations of Health Education; Grade Method: REG; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1301) Mann, P

HLTH730 Problems in Weight Control; Grade Method: REG/AUD; Grad students only. 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0302) Mann, P

HLTH740 Modern Theories of Health; Grade Method: REG/AUD; Grad students only. 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0301) Gilbert, G

HLTH750 (PermReq) Stress and Disease; Grade Method: REG/AUD; Grad students only. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0302) Allen, R

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

## HONR Honors (Undergraduate Studies)

All HONR courses are open to students enrolled in General Honors and/or departmental honors programs and to others by permission of the Director of General Honors. Detailed descriptions of General Honors seminars can be found in the course description brochure available in the Honors Office, 0110 Hornbake Library, X2532. All Honors courses require approval prior to registration.

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: Ways of Seeing; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 W.....12:00pm- 2:30pm (HBK 0108) DIS Howarth, J

HONR118B (PermReq) Freshman Honors Colloquium: Cultural and Historical: Irresponsibility and the News Media; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....12:30pm- 3:15pm (HBK 0108) DIS Stepp Jr., A

HONR138A (PermReq) Freshman Honors Colloquium: Literature and the Arts: The People Called Shaker; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....6:30pm- 9:00pm (HBK 0123) DIS Klank, R

HONR138B (PermReq) Freshman Honors Colloquium: Literature and the Arts: American Voices: Public Autobiographical Narrative from 1790 to the Present; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 M.....2:00pm- 5:00pm (HBK 1120) DIS Levine, R

HONR138C (PermReq) Freshman Honors Colloquium: Literature and the Arts: The Current Scene; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 W.....3:00pm- 5:30pm (HBK 0108) DIS Freedman, M

HONR138D (PermReq) Freshman Honors Colloquium: Literature and the Arts: Persona: The Search for Self in Dramatic Literature; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....1:00pm- 3:30pm (HBK 0123) DIS Carr, J

HONR148A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Women and Madness; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Tu.....9:30am-12:00pm (HBK 0108) DIS Gabelnick, F

HONR148B (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: The Debating Society: American Values in Transition; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm-10:00pm (HBK 0123) DIS Welbourne, J

HONR148C (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Inequality in America: An Explanation into Causes and Consequences; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Dr. Hula is a 1986/87 Distinguished Scholar teacher. 3 credits
0101 Th.....11:00am- 1:30pm (HBK 0123) DIS Hula, R

HONR318A (PermReq) Honors Seminar: Cultural and Historical: The Image of Humanity in Western Spirituality; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0123) DIS Hill, B

HONR318X (PermReq) Honors Seminar: Cultural and Historical; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; Restricted to students who are members of the Honors Learning Community. HLB students must also register for FREN 479A and PHIL 451. 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0108) DIS Galvin, M

HONR328A (PermReq) Honors Seminar: Natural Sciences and Mathematics: Global Habitability; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Class may also meet in the Animal Science Building, Room 3017. 3 credits
0101 W.....10:00am-12:50pm (HBK 0123) DIS Shukla, J

HONR338A (PermReq) Honors Seminar: Literature and the Arts: A Different Way of Seeing: Native American Perception; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; Class will meet beyond the scheduled time. 3 credits
0101 F.....3:00pm- 5:00pm (HBK 0108) DIS Niese, H
Time and room to be arranged DIS

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternative National Security Styles; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 M.....2:00pm- 4:30pm (HBK 0123) DIS Bobrow, D

HONR348B (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Th.....7:00pm- 9:30pm (HBK 0123) DIS McCarthy, C

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Why Read Literature? Different Ways of Reading and Understanding; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Dr. Elke Frederiksen is a 1986/87 Distinguished Scholar teacher. 3 credits
0101 W.....3:00pm- 5:30pm (HBK 0123) DIS Frederiksen, E

HONR368B (PermReq) Honors Seminar: Development of Knowledge: New Theories of the State: An Integration of Social Science and History; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Dr. Jerald Hage is a 1986/87 Distinguished Scholar teacher. 3 credits
0101 Th.....2:00pm- 5:00pm (TWS 2212) DIS Hage, J

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Lawyers and the Adversary System; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 F.....9:30am-12:00pm (HBK 0123) DIS Pavela, G

HONR378B (PermReq) Honors Seminar: Analysis of Human Problems: Leadership; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2138H) DIS Stone, C

HONR378C (PermReq) Honors Seminar: Analysis of Human Problems: White Supremacy: A Comparison of Segregation in South Africa and Southern United States; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Dr. Louis Harlan is a 1986/87 Distinguished Scholar teacher. 3 credits
0101 M.....9:00am-11:50am (HBK 0123) DIS Harlan

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Available only to General Honors students. 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F; Students may register for more than 3 credits with permission of instructor. Writing Workshop may be repeated, for a total of 6 credits, with permission of instructor. 3-6 credits
0101 M.....2:00pm- 5:00pm (HBK 0108) DIS Retallack, J
0201 M.....6:00pm- 9:00pm (HBK 0108) DIS Retallack, J

HONR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 387. 1-3 credits

HONR387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 386. 1-3 credits

## HORT Horticulture (Agriculture)

HORT160 Introduction to the Art of Landscaping; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0126) STAFF

HORT202 Management of Horticultural Groups; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....12:30pm- 1:45pm (HZF 1102) Gouin, F
Tu.....2:00pm- 4:00pm (HAR 1105) LAB

HORT260 Basic Landscape Composition; Grade Method: REG/P-F/AUD; Prerequisites: HORT 160 and EDIT 160. 2 credits
0101 MW.....10:00am-12:00pm (HZF 2106) LAB Gould Jr., W

HORT274 Genetics of Cultivated Plants; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 101 3 credits
0101 MWF.....11:00am-11:50am (SYM 0200) Ng, T

HORT398 Seminar; Grade Method: REG/P-F/AUD; Prerequisite: senior standing. Horticultural majors only. 1 credit
0101 W.....4:00pm- 4:50pm (HZF 0128B) Ng, T

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2 credits

HORT432 Fundamentals of Greenhouse Crop Production; Grade Method: REG/P-F/AUD; Prerequisite: HORT 231 or equivalent. Two all day Saturday field trips required. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HZF 1106) Hershey, D

HORT452 Landscape Establishment and Maintenance; Grade Method: REG/P-F/AUD; Prerequisites: HORT 453 or HORT 454. Two all day Saturday field trips required. 3 credits
0101 MW.....8:00am- 8:50am (HZF 1102) Lasota, L
Tu.....2:00pm- 5:00pm (HZF 0128B) LAB

HORT454 Woody Plant Materials; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 212. 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) Lasota, L
W.....1:00pm- 4:00pm (HZF 0128B) LAB
0102 MF.....1:00pm- 1:50pm (SYM 0200) Lasota, L
Th.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT464 Principles of Landscape Development; Grade Method: REG/P-F/AUD; Prerequisite: HORT 361. 3 credits
0101 M.....1:00pm- 1:50pm (HZF 2106) Hamed, S
M.....2:00pm- 4:00pm (HZF 2106) LAB
W.....1:00pm- 4:00pm (HZF 2106) LAB

HORT466 Advanced Landscape Design; Grade Method: REG/P-F/AUD; Prerequisites: HORT 462, HORT 465, concurrent with HORT 464. 3 credits
0101 Tu.....9:00am- 9:50am (HZF 2106) Gould Jr., W
Tu.....10:00am-12:00pm (HZF 2106) LAB
Th.....9:00am-12:00pm (HZF 2106) LAB

HORT472 Advanced Plant Propagation; Grade Method: REG/P-F/AUD; Prerequisite: HORT 271. Two all day Saturday field trips required. 2 credits
0101 MW.....10:00am-10:50am (HZF 1102) Hershey, D

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT783 Environmental Factors and Horticultural Plants; Grade Method: REG/AUD; Prerequisite: BOTN 441 or equivalent. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HZF 1106) Stutte, G

HORT798 Advanced Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (HZF 0128B) STAFF

HORT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HORT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

## HSAD Housing and Applied Design (Arts and Humanities)

HSAD210 Presentation Techniques; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, 102. Pre-design and interior design majors only. 3 credits
0101 TuTh.....8:00am-10:30am (MMH 1108) STAFF

HSAD251 Housing Issues and Prospects; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (MMH 1304) Chen, A

HSAD341 Contemporary Developments in Architecture, Interiors, Furnishings; Grade Method: REG/P-F/AUD; Offered spring only. Suggested prerequisite: HSAD 340. 3 credits
0101 MF.....4:00pm- 5:15pm (MMH 1400) STAFF

HSAD342 Space Development; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101A, 102, 103, EDIT 160 (formerly EDIN 101A). Interior design majors only. 3 credits
0101 TuTh.....2:00pm- 4:30pm (MMH 1108) LAB STAFF

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD; Prerequisites: HSAD 340, 342, APDS 101A and 210, and EDIT 160. Interior design majors only. 3 credits
0101 MW.....10:30am- 1:00pm (MMH 1108) LAB Odland, S

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. Interior design majors only. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 1108) LAB STAFF

HSAD345 Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD; Prerequisite: interior design majors only. 3 credits
0101 F.....9:00am-11:30am (HBK 1112) STAFF

HSAD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required. 1-3 credits

HSAD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD; Class meets first 8 weeks: Jan 26- March 13. Students must be enrolled concurrently in HSAD 441. Prerequisite: HSAD 344. Interior design majors only. — 4 credits
0101 Meets 01/26/87 - 03/13/87 — Kjaer, B
MWF.....1:00pm- 5:00pm (MMH 1108) LAB

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD; Class meets second 8 weeks: March 23- May 14. Students must be enrolled concurrently in HSAD 440. Interior design majors only. — 4 credits
0101 Meets 03/23/87 - 05/14/87 — STAFF
MWF.....1:00pm- 5:00pm (MMH 1108) LAB

HSAD488A Selected Topics in Housing and Interior Design: CADD (Computer Aided Design and Drafting); Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 3:40pm (MMH 2407A) — Eckersley, M
M.....2:00pm- 5:00pm (MMH 2407A) LAB

HSAD488C Selected Topics in Housing and Interior Design: Introduction to Computer Graphics; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....11:00am-12:50pm (MMH 1413A) — Chen, A
Th.....9:30am-12:00pm (MMH 1413A) LAB

HSAD488G Selected Topics in Housing and Interior Design: Computer Graphics Program; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:00pm- 4:30pm (MMH 1413A) — Gips, C
Tu.....2:00pm- 5:00pm (MMH 1413A) LAB

HSAD488K (PermReq) Selected Topics in Housing and Interior Design: Urban Management and Decision Making; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....6:30pm- 9:00pm (LEF 1220) — Marando, V

HSAD4880 Selected Topics in Housing and Interior Design: Politics and Planning; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1222) — Baum, H

HSAD499A (PermReq) Individual Study in Housing And/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

HSAD499B (PermReq) Individual Study in Housing And/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

HSAD499E (PermReq) Individual Study in Housing And/or Interior Design: Study Tour-London and the Great Houses and Museums of England; Grade Method: REG/P-F/AUD; French study tour to Paris. — 3 credits
0101 M.....5:30pm- 8:00pm (MMH 2407A) — Odland, S

HSAD658 (PermReq) Special Topics in Housing and Interior Design: Special Topics in Housing and Interior Design; Grade Method: REG/AUD; — 3-6 credits
0101 Time and room to be arranged — Chen, A

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## IADM Institution Administration (Human Ecology)

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IADM350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD; Prerequisite: FOOD 250; pre or co-requisite: IADM 300. — 4 credits
0101 MF.....10:00am-10:50am (MMH 3418) — Noble, J
Tu.....8:00am- 1:00pm (MMH 3108) LAB
0102 MF.....10:00am-10:50am (MMH 3418) — Noble, J
Th.....8:00am- 1:00pm (MMH 3108) LAB

IADM355 Foodservice Operations II; Grade Method: REG/P-F/AUD; Prerequisite: IADM 350. Offered spring semester only. — 4 credits
0101 M.....1:00pm- 3:00pm (MMH 3112) — STAFF
W.....8:00am- 1:00pm (MMH 3112) LAB

IADM440 Foodservice Personnel Administration; Grade Method: REG/P-F/AUD; Prerequisite: IADM 350. Offered spring semesters only. — 2 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 3418) — Norton, V

IADM480 (PermReq) Practicum in Institution Administration; Grade Method: S-F; — 3 credits
0101 F.....2:00pm- 5:00pm (MMH 3418) — Norton, V

IADM490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

IADM650 Experimental Quantity Food Production; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 4:50pm (MMH 3108) — Noble, J
TuTh.....1:00pm- 4:00pm (MMH 3108) LAB

IADM660 Research Methods; Grade Method: REG/AUD; Prerequisite: Statistics course. — 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 3418) — Prather, M

IADM675 Advanced Administrative Dietetics; Grade Method: REG; Open to Walter Reed Army Dietetic interns only. — 3 credits
0101 Time and room to be arranged — STAFF
Time and room to be arranged LAB

IADM678A (PermReq) Special Topics in Institutional Food: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

IADM688 Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) — Ahrens, R

IADM789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

IADM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

IADM888 Doctoral Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — STAFF

IADM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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## ITAL Italian (Arts and Humanities)

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Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building. For help in placement advising, see Dr. Charles Russell.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MTuWF.....9:00am- 9:50am (JMZ 0103) — STAFF
0201 MTuWF.....10:00am-10:50am (JMZ 2125) — STAFF
0301 MWF.....11:00am-11:50am (JMZ 2122) — STAFF
Tu.....11:00am-11:50am (JMZ 2122)
0401 MTuWF.....1:00pm- 1:50pm (JMZ 2125) — STAFF

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open to students who have taken ITAL 101 or with permission of instructor. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2122) — STAFF
Th.....9:00am- 9:50am (JMZ 0103)
0201 MWF.....11:00am-11:50am (JMZ 2123) — STAFF
Th.....11:00am-11:50am (JMZ 2122)
0301 MWF.....12:00pm-12:50pm (JMZ 3120) — STAFF
Th.....12:00pm-12:50pm (JMZ 0103)

ITAL122 Accelerated Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) — Russell, C

ITAL122H Accelerated Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) — Russell, C

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWThF.....1:00pm- 1:50pm (JMZ 0103) — STAFF

ITAL211 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2125) — STAFF

ITAL301 Advanced Conversation and Composition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3118) — STAFF

ITAL352 Italian Literature From the Renaissance to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3118) — STAFF

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. — 1-3 credits

ITAL410 The Italian Renaissance; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2122) — Falvo, G

ITAL498 Special Topics in Italian Literature; The Italian Renaissance; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2122) — Falvo, G

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## IVSP Individual Studies Program (Undergraduate Studies)

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IVSP318 (PermReq) Individual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

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## JAPN Japanese (Arts and Humanities)

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JAPN102 Elementary Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 6 credits
0101 MWF.....9:00am-11:00am (ARM 0119) — Ramsey, S
MWF.....10:00am-10:50am (ARM 0104) DIS
0201 MWF.....9:00am-11:00am (ARM 0116) — Ramsey, S
MWF.....10:00am-10:50am (ARM 0118) DIS

JAPN203 Intermediate Spoken Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0202) — Yaginuma, K

JAPN204 Intermediate Written Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2102) — Kerkham, H

JAPN302 Advanced Japanese II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2102) — Miura, E

JAPN304 Business Japanese II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1125) — Yaginuma, K

JAPN402 Readings in Modern Japanese II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1123) — Miura, E

JAPN418 Japanese Literature in Translation: Japanese Theater; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:00pm (JMZ 2102) — Rimer, T
W.....1:00pm- 2:00pm (JMZ 2102)

JAPN421 History of the Japanese Language; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0202) — Ramsey, S

JAPN499 (PermReq) Directed Study in Japanese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JAPN499B Directed Study in Japanese; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 Time and room to be arranged — Ramsey, S

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## JOUR Journalism (Journalism)

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JOUR001 Professional Orientation; Grade Method: S-F; Majors only. Co-requisite: JOUR 001. Required for students with minor area emphasis in journalism. — 1 credit
0101 Th.....2:00pm- 2:50pm (LEF 2205) — Kay, L

JOUR002 (PermReq) Professional Practicum; Grade Method: S-F; Majors only. — 1 credit
0101 TBA (JRN 2114) LAB — Kay, L

JOUR100 Introduction to Mass Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 0204) — Hiebert, R

JOUR201 Writing For Mass Media; Grade Method: REG; Provisional or full admission to the college and 30 WPM typing ability. A 5-minute typing test is required. It will be given Fri. Nov 7 and Fri. Nov 14, 2-4PM in JRN 3102. Proficiency exam for transfer students will be Jan 23, 2-4PM. Sign up in JRN 2109 prior to the exam. Students must demonstrate competence in language skills to pass JOUR 201. Satisfactory performance on a test of language skills (TSWE or TLS) is required. Students are advised to take the test of language skills prior to registration. Check in JRN 2109 for test times and dates. Must have at least 28 credits earned. For majors only. Pre or co-requisite: JOUR 001. Required for students with minor area emphasis in journalism. — 3 credits
0101 TuTh.....8:00am-10:00am (JRN 3103) — STAFF
0201 TuTh.....7:00pm- 9:00pm (JRN 3103) — STAFF
0301 MW.....12:00pm- 2:00pm (JRN 3103) — STAFF.
0401 MW.....10:00am-12:00pm (JRN 3103) — Martin, L
0501 MW.....6:00pm- 9:00pm (JRN 3103) — STAFF
0601 TuTh.....4:00pm- 6:00pm (JRN 3103) — Gottlieb, A
0701 TuTh.....12:00pm- 2:00pm (JRN 3103) — Gottlieb, A
0801 TuTh.....4:00pm- 6:00pm (JRN 3111) — Tozier, C
0901 TuTh.....12:00pm- 2:00pm (JRN 3111) — Tozier, C

JOUR202 Editing For the Mass Media; Grade Method: REG; Prerequisite: JOUR 201. For majors only. Must have at least 28 credit hours earned. — 3 credits
0101 TuTh.....4:00pm- 6:00pm (JRN 1117) LAB — STAFF
0201 MW.....2:00pm- 4:00pm (JRN 1117) LAB — Stepp Jr., A
0301 MW.....10:00am-12:00pm (JRN 1117) LAB — STAFF
0401 MF.....12:00pm- 2:00pm (JRN 1117) LAB — Smith, M
0501 Tu.....6:00pm-10:00pm (JRN 1117) LAB — STAFF
0601 Th.....6:00pm-10:00pm (JRN 1117) LAB — STAFF
0701 MW.....4:00pm- 6:00pm (JRN 1117) LAB — Smith, M
0801 MW.....8:00am-10:00am (JRN 1117) LAB — STAFF
0901 TuTh.....8:00am-10:00am (JRN 1117) LAB — STAFF

JOUR320 News Reporting; Grade Method: REG; Prerequisite: JOUR 202. Majors only. — 3 credits
0101 WF.....10:00am-12:00pm (JRN 3102) — Beasley, M
0201 M.....10:00am-12:00pm (JRN 3102) — Stepp Jr., A
F.....10:00am-12:00pm (JRN 3103)
0301 TuTh.....10:00am-12:00pm (JRN 3102) — Cleghorn, R

JOUR321 Reporting of Public Affairs; Grade Method: REG; Prerequisite: JOUR 320. Majors only. — 3 credits
0101 M.....6:00pm- 9:00pm (JRN 3102) — Allen, I

JOUR328A Specialized News Reporting: Sportswriting; Grade Method: REG; Prerequisite: JOUR 320. Co-requisite: JOUR 459G. Majors only. — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 3102) — Holman, B
W.....2:00pm- 4:00pm (JRN 3102) LAB

JOUR328C Specialized News Reporting: Microcomputer in Desktop Publishing; Grade Method: REG; Prerequisite: JOUR 202. Majors only. — 3 credits
0101 W.....10:00am-10:50am (JRN 3111) — Geraci, P
W.....11:00am- 1:00pm (JRN 3111) LAB

JOUR330 Public Relations Theory; Grade Method: REG; Prerequisite: JOUR 201. Majors and BMGT 0515A and BMGT 05090. — 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1104) — Grunig, L
0201 MWF.....1:00pm- 1:50pm (JRN 1116) — Kelly, K

JOUR331 Public Relations Techniques; Grade Method: REG; Prerequisite: JOUR 330. Journalism majors (0602F) only. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JRN 3111) LAB — Kraft, E
0201 TuTh.....6:00pm- 8:00pm (JRN 3111) LAB — Kraft, E
0301 MW.....4:00pm- 6:00pm (JRN 3103) LAB — STAFF

JOUR340 Advertising Communication; Grade Method: REG; Prerequisite: JOUR 201. Majors only and BMGT 0515A and BMGT 05090. — 3 credits
0101 W.....6:00pm- 9:00pm (JRN 1116) — Zanot, E

JOUR341 Advertising Techniques; Grade Method: REG; Prerequisite: JOUR 202 and 340. Journalism majors (0602A) only. — 3 credits
0101 TuTh.....10:00am-12:00pm (JRN 1115) LAB — Zanot, E
0201 TuTh.....2:00pm- 4:00pm (JRN 1115) LAB — Zanot, E

JOUR350 Photojournalism; Grade Method: REG; Prerequisite: JOUR 201 or permission of instructor. Majors only. — 3 credits
0101 Tu.....10:00am-12:00pm (JRN 1105) — Geraci, P
Tu.....1:00pm- 3:00pm (JRN 2116) LAB
0102 Tu.....10:00am-12:00pm (JRN 1105) — Geraci, P
Th.....10:00am-12:00pm (JRN 2116) LAB
0103 Tu.....10:00am-12:00pm (JRN 1105) — Geraci, P
Th.....1:00pm- 3:00pm (JRN 2116) LAB

JOUR351 Advanced Photojournalism; Grade Method: REG; Prerequisite: JOUR 350. Class expenses will be approximately $125. Students will spend several hours per week on field assignments, in addition to scheduled class sessions. — 3 credits
0101 M.....10:00am- 2:00pm (JRN 2116) LAB — STAFF

JOUR360 Broadcast News I; Grade Method: REG/P-F/AUD; Prerequisite: JOUR 201. Majors only. — 3 credits
0101 MW.....4:00pm- 6:00pm (JRN 3102) LAB — Levy, M
0201 MW.....12:00pm- 2:00pm (JRN 3102) LAB — Levy, M

JOUR361 Broadcast News II; Grade Method: REG; Prerequisite: JOUR 360. Majors only. Class expenses will be approximately $25. Students will spend several hours per week on field assignments, in addition to scheduled class sessions. — 3 credits
0101 Tu.....1:00pm- 5:00pm (JRN 1103) — B

JOUR371 Magazine Article and Feature Writing; Grade Method: REG; Prerequisite: JOUR 201. Majors only. — 3 credits
0101 MW.....8:00am-10:00am (JRN 3103) LAB — Paterson, J
0201 MW.....2:00pm- 4:00pm (JRN 3103) LAB — Paterson, J
0301 TuTh.....2:00pm- 4:00pm (JRN 3103) LAB — Franklin, J

JOUR372 Magazine Photography and Illustration; Grade Method: REG; Prerequisite: JOUR 201. Not open to those with credit in JOUR 350. Majors only. — 3 credits
0101 F.....10:00am- 2:00pm (JRN 2116) — STAFF

JOUR373 Graphics; Grade Method: REG; Prerequisite: JOUR 202. Majors only. — 3 credits
0101 MW.....6:00pm- 8:00pm (JRN 1117) LAB — STAFF
0201 MW.....8:00pm-10:00pm (JRN 1117) LAB — STAFF

JOUR396 Supervised Internship; Grade Method: REG; Majors only. Student must have completed JOUR 201 and first skills course in sequence, JOUR (320, 331, 341, 360). Ask in JRN 2114 for meeting time and place. — 3 credits
0101 TBA (JRN 2114) — Kay, L

JOUR398 (PermReq) Independent Study; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 MW.....6:00pm- 7:30pm (ASY 2203) — Greenfeld, A

JOUR459G Special Topics in Mass Communication: Sports and Mass Media; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 MW.....10:00am-11:30am (JRN 1116) — Holman, B

JOUR459I Special Topics in Mass Communication: Legal Issues in Public Relations; Grade Method: REG; Prerequisite: JOUR 400 or permission of instructor or 56 credits. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1116) — Greenfeld, A

JOUR459J Special Topics in Mass Communication: Law: Journalists and the Courts; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 MW.....2:00pm- 3:15pm (JRN 1116) — Greenfeld, A

JOUR459L Special Topics in Mass Communication: Media Planning; Grade Method: REG; Prerequisite JOUR 340 or JOUR 330. Majors only. Must have at least 56 credit hours earned. — 3 credits
0101 MWF.....12:00pm-12:50pm (JRN 1104) — Keenan, K

JOUR459M Special Topics in Mass Communication: Journalism for Scientists; Grade Method: REG; Recommended for non-majors. Not open to students with JOUR 380, 481 or 680. Must have at least 56 credits earned. — 3 credits
0101 M.....7:00pm-10:00pm (LEF 2166) — Franklin, J

JOUR459N Special Topics in Mass Communication: Journalism as Literature; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 MWF.....11:00am-11:50am (JRN 1104) — Paterson, J

JOUR459O Special Topics in Mass Communication: Ethics, Truth and the Media; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1104) — Lichtenberg, J

JOUR459P Special Topics in Mass Communication: Advertising and Society; Grade Method: REG; Prerequisite: JOUR340. Must have at least 56 credits earned. — 3 credits
0101 MWF.....9:00am- 9:50am (JRN 1104) — Keenan, K

JOUR460 Women in the Media; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JRN 1104) — Beasley, M

JOUR470 Newspaper Management; Grade Method: REG; Must have at least 56 credits earned. — 3 credits

0101 MWF.....9:00am- 9:50am (JRN 1105) Smith, M

JOUR480 Mass Communication Research; Grade Method: REG; Prerequisite: MATH 110 or equivalent. Must have at least 56 credits earned. 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1116) Theus, K
0201 Th.....3:00pm- 6:00pm (JRN 1116) Levy, M

JOUR481 Advanced Science Writing; Grade Method: REG; Prerequisite: JOUR 380. Majors only. Must have at least 56 credits earned. 3 credits
0101 TuTh.....6:00pm- 8:00pm (JRN 3102) LAB Franklin, J

JOUR483 Public Relations Campaigns; Grade Method: REG; Prerequisite: JOUR 331. Majors only. Must have at least 56 credits earned. 3 credits
0101 Th.....7:00pm-10:00pm (JRN 1104) STAFF

JOUR484 Advertising Campaigns; Grade Method: REG/P-F/AUD; Prerequisite: JOUR 341. Majors only. Must have at least 56 credits earned. 3 credits
0101 MWF.....2:00pm- 2:50pm (JRN 1104) Keenan, K

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 7:00pm (JRN 3114) Martin, L

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD; Not open to students with credit in JOUR 612. (Formerly JOUR 612.) 3 credits
0101 Tu.....9:00am-12:00pm (JRN 3114) Gerevitch, M

JOUR610 Seminar in Mass Media and Society; Grade Method: REG/AUD; 3 credits
0101 Th.....9:00am-12:00pm (JRN 3114) Hiebert, R

JOUR621 Interpretation of Contemporary Affairs; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 9:00pm (JRN 3114) Beasley, M

JOUR631 Seminar in Public Relations Publics; Grade Method: REG/AUD; 3 credits
0101 W.....9:00am-12:00pm (JRN 3114) Grunig, J

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

JOUR818 Seminar in Communication Theories: Advertising and International Communication; Grade Method: REG/AUD; Course taught by Dr. Watson Dunn, formerly Dean of College of Business and Administration, University of Missouri. Recommended for JOUR, PCOM, BMGT and International Studies students. 3 credits
0101 Th.....6:00pm- 9:00pm (JRN 3114) STAFF

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## LATN Latin (Arts and Humanities)

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LATN101 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (COL 3111) Haury, A
0201 MWF.....12:00pm-12:50pm (COL 3109) Duffy, J
0301 MWF.....10:00am-10:50am (COL 3112) Haury, A

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: LATN 101. 3 credits
0101 MWF.....11:00am-11:50am (HZF 1102) STAFF

LATN204 Intermediate Latin II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (COL 0102) Duffy, J

LATN403 Roman Satire; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....2:00pm- 3:30pm (HJP 1229) STAFF

LATN488 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

LATN604 Cicero; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:40pm (JMZ 4218) Rowland, R

LATN622 The Ages of Caesar; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 8:40pm (Arranged) STAFF

LATN623 The Augustan Age; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:40pm (JMZ 1125) STAFF

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## LBSC Library Science (Library + Info Services )

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LBSC381 Basic Reference and Information Sources; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0105) Tibbo, H

LBSC383 Library Materials For Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0115) Williams, H

All LBSC courses numbered 600 and above require permission of department. Check course listing for specific restrictions. Courses LBSC 600, 651 and 671 are required upon entry into the program.

LBSC600 (PermReq) Proseminar: the Development and Operation of Libraries and Information Services; Grade Method: REG/AUD; 3 credits
0101 MW.....9:30am-10:45am (HBK 0109) Kidd, J
0201 Tu.....5:30pm- 8:15pm (HBK 0109) Kidd, J

LBSC611 (PermReq) Archives and Libraries in Western Civilization; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0103) Stielow, F

LBSC621 (PermReq) Library Service to the Disadvantaged; Grade Method: REG/AUD; 3 credits
0101 M.....2:30pm- 5:15pm (HBK 0103) Cunningham, W

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD; 3 credits
0201 Th.....5:30pm- 8:15pm (HBK 0105) STAFF

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0115) Neuman, D

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:45pm (HBK 0115) MacLeod, A

LBSC651 (PermReq) Introduction to Reference and Information Services; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (HBK 0103) Wilson, W
0201 W.....5:30pm- 8:15pm (HBK 0103) Cunningham, W

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD; Students electing section 0101 of LBSC 671 may not also include LBSC 675 in their MLS programs. 3 credits
0101 M.....1:30pm- 4:15pm (HBK 0109) Soergel, D
0201 M.....5:30pm- 8:15pm (HBK 0113) Momeni, M

LBSC690 (PermReq) Introduction to Data Processing For Libraries and Information Services; Grade Method: REG/AUD; 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0103) Marchionini, G

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD; 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0103) Keller, P

LBSC702 (PermReq) User Instruction; Grade Method: REG/AUD; Formerly LBSC 488B. 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 4115) Liesener, J

LBSC704 (PermReq) Seminar in Information Science; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:45pm (HBK 4115) Heilprin, L

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD; Prerequisites: LBSC 600, 651, 671, 690 or 691. Signed instructor approval form must be presented to CLIS Admission Office. 3 credits
0101 Time and room to be arranged Cunningham, W

LBSC708M (PermReq) Special Topics in Library and Information Service: Microcomputers in Information Processing II; Grade Method: REG/AUD; Prerequisite: LBSC 690 or 691 or permission of instructor. Signed instructor approval form must be presented to Admissions Office and registration must be accompanied by course authorization form. 3 credits
0101 MW.....11:00am-12:15pm (HBK 4113) Marchionini, G

LBSC708R (PermReq) Special Topics in Library and Information Service: Principles of Records Management; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0103) Stielow, F

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. 1-3 credits

LBSC737 (PermReq) Seminar in the Special Library and Information Center; Grade Method: REG/AUD; 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0109) Kadec, S

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD; 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4113) Liesener, J

LBSC742 (PermReq) Instructional Development Roles for Library/Media Specialists; Grade Method: REG/AUD; 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0115) Neuman, D

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD; Prerequisite: LBSC 741 and permission of instructor. 3 credits
0101 W.....2:15pm- 5:00pm (HBK 4113) Liesener, J

LBSC748 (PermReq) Advanced Seminar in Children's Literature; Grade Method: REG/AUD; Prerequisite: LBSC 645. Instructor approval form must be presented to CLIS Admissions Office and registration must be accompanied by Course Authorization Form. 3 credits
0101 W.....5:00pm- 7:45pm (HBK 4113) MacLeod, A

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD; Registration must be accompanied by Course Authorization Form. 3 credits
0101 MW.....9:30am-10:45am (HBK 0103) White, M
0201 M.....5:30pm- 8:15pm (HBK 0105) STAFF

LBSC753 (PermReq) Literature and Research in the Social Sciences; Grade Method: REG/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0103) White, M

LBSC762 (PermReq) Health Information Sources and Their Use; Grade Method: REG/AUD; 3 credits
0101 W.....2:15pm- 5:00pm (HBK 4115) Sewell, W

LBSC770 (PermReq) Bibliographic Control; Grade Method: REG/AUD; Prerequisite: LBSC 671. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 4113) Wellisch, H

LBSC775 (PermReq) Construction and Maintenance of Index Languages and Thesauri; Grade Method: REG/AUD; Prerequisite: LBSC 675 or LBSC 671 or permission of instructor. 3 credits
0101 Tu.....3:30pm- 6:15pm (HBK 0113) Soergel, D

LBSC781 (PermReq) Problems of Nonbook Materials; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (HBK 4113) Wellisch, H

LBSC782 (PermReq) Seminar On Manuscript Collections; Grade Method: REG/AUD; 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0109) Burke, F

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD; 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) Costabile, S

LBSC786 (PermReq) Conservation of Archival and Library Materials; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:15pm (HBK 0105) Garlick, K

LBSC787 (PermReq) Planning of Library Facilities; Grade Method: REG/AUD; Plus 3 field trips. 3 credits
0101 Th.....3:30pm- 6:15pm (HBK 4113) Wellisch, H

LBSC794 (PermReq) Principles of Software Evaluation. Grade Method: REG/AUD; Formerly LBSC 708E. 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0115) Neuman, D

LBSC878 (PermReq) Doctoral Seminar in Information Studies: Administration; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Rizzo, J

LBSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

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## LING Linguistics (Arts and Humanities)

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LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Basis for future work in linguistics. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 2206) Schallert, W
0201 TuTh.....9:30am-10:45am (HZF 1102) Coleman, L
0301 TuTh.....12:30pm- 1:45pm (HZF 1108) Coleman, L

LING240 Language and Mind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0117) Hornstein, N

LING312 Syntax II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0117) Hornstein, N

LING322 Phonology II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0117) Vergnaud, J

LING411 Comparative Syntax; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 1120) STAFF

LING419 Topics in Syntax; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged DIS STAFF

LING420 Word Formation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Vergnaud, J

LING429 (PermReq) Topics in Phonology: Topics in Phonology; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Vergnaud, J

LING430 Language Change; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1112) Lightfoot, D

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....3:30pm- 4:45pm (HBK 0117) Weinberg, A

LING457 Grammars and Discourse; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1127) McKay, J

LING499 Directed Studies in Linguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged DIS STAFF

LING611 Comparative Syntax; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 1120) STAFF

LING621 Morphology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Vergnaud, J
Time and room to be arranged DIS

LING630 Diachronic Linguistics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 2:50pm (HBK 1112) Lightfoot, D
Time and room to be arranged DIS

LING640 Language Acquisition; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (HBK 1120) Weinberg, A
Time and room to be arranged DIS

LING689 Topics in Language Study; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

LING698 (PermReq) Directed Study: MA Level; Grade Method: REG; 1-6 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged DIS STAFF

LING799 (PermReq) Master's Thesis; Grade Method: REG; 1-6 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged DIS STAFF

LING889 (PermReq) Directed Research: Ph.D. Level; Grade Method: REG/AUD; 1-8 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged DIS STAFF

LING895 (PermReq) Doctoral Research Paper; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged DIS STAFF

LING899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; 1-8 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged DIS STAFF

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## MAPL Applied Mathematics (Comp, Math, & Phys Sci)

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MAPL460 Computational Methods; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses, MAPL 460 or MAPL 470. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0302) Hummel, J
0201 MWF.....11:00am-11:50am (MTH 0411) Osborn, J

MAPL470 Numerical Mathematics: Analysis; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses, MAPL 460 or MAPL 470. 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0411) Correl, E

MAPL471 Numerical Mathematics: Linear Algebra; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1308) Fontecilla, R
0201 MWF.....9:00am- 9:50am (MTH 0401) Wolfe, P

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL604 Numerical Solution of Nonlinear Equations; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0102) Kellogg, R

MAPL612 Numerical Methods in Partial Differential Equations; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 1308) Liu, T

MAPL671 Ordinary Differential Equations II; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0303) Chu, H

MAPL674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0401) Evans, L

MAPL681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH B0423) Maddocks, J

MAPL686 Modern Methods in Partial Differential Equations II; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 0104) Jones, C

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (MTH 0409) Maddocks, J

MAPL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## MATH Mathematics (Comp, Math, & Phys Sci)

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MATH001 Review of High School Algebra; Grade Method: REG; The notation (3) credits is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the university. Course chairperson- Alter. There is a special fee of $110 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0302) STAFF
0201 MWF.....11:00am-11:50am (MTH 0302) STAFF
0401 MW.....2:00pm- 3:15pm (MTH 0401) STAFF
0501 TuTh.....9:30am-10:45am (MTH 0102) STAFF
0601 TuTh.....11:00am-12:15pm (MTH 0102) STAFF

MATH001B Review of High School Algebra; Grade Method: REG; Course chairperson- Alter. The notation 3 credits is used for billing and full-time or part-time status. This course does not carry credit toward any degree at the university. There is a special $110 fee for MATH 001B. MATH 001B is intended for persons wishing to take MATH 115. Anyone registering for MATH 001B must have already completed at least one full year of high school algebra. Students registering for MATH 001B who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0301 MWF.....12:00pm-12:50pm (MTH 0104) STAFF

MATH110 Introduction to Mathematics I; Grade Method: REG/P-F/AUD; Students who fail qualifying exam take MATH 001. For each of the following pairs, credit will be given for only one of the two listed courses - MATH 110 and MATH 102, MATH 110 and MATH 103, MATH 110 and MATH 104, MATH 110 and MATH 115. MATH 110 is not open to students majoring in mathematics, engineering or the physical sciences. 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0101) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0103) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0304) STAFF
0105 MWF.....8:00am- 8:50am (MTH 0305) STAFF
0106 MWF.....8:00am- 8:50am (MTH 0306) STAFF
0107 MWF.....8:00am- 8:50am (MTH 0307) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0103) STAFF

0204 MWF.....9:00am- 9:50am (MTH 0304) STAFF
0205 MWF.....9:00am- 9:50am (MTH 0305) STAFF
0206 MWF.....9:00am- 9:50am (MTH 0306) STAFF
0207 MWF.....9:00am- 9:50am (MTH 0307) STAFF
0211 MWF.....9:00am- 9:50am (MTH B0425 Cohen J
0301 MWF.....3:00pm- 3:50pm (MTH 0303) STAFF
0302 MWF.....3:00pm- 3:50pm (MTH 0101) STAFF
0303 MWF.....3:00pm- 3:50pm (MTH 0103) STAFF
0304 MWF.....3:00pm- 3:50pm (MTH 0304) STAFF
0401 MWF.....4:00pm- 4:50pm (MTH 0303) STAFF
0402 MWF.....4:00pm- 4:50pm (MTH 0101) STAFF
0403 MWF.....4:00pm- 4:50pm (MTH 0103) STAFF
0404 MWF.....4:00pm- 4:50pm (MTH 0304) STAFF
0501 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....8:00am- 8:50am (MTH 0409) DIS
0502 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....8:00am- 8:50am (MTH 0104) DIS
0503 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....9:00am- 9:50am (MTH 0409) DIS
0504 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....9:00am- 9:50am (MTH 0104) DIS
0505 MWF.....3:00pm- 3:50pm (SKW 0200) Schneider, D
M.....10:00am-10:50am (MTH 0409) DIS
0506 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....11:00am-11:50am (MTH 0409) DIS
0507 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....12:00pm-12:50pm (MTH 0409) DIS
0508 MWF.....3:00pm- 3:50pm (SKN 0200) Schneider, D
M.....12:00pm-12:50pm (MTH 0307) DIS

MATH111 Introduction to Mathematics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses, MATH 111 and STAT 100. MATH 111 is not open to students majoring in mathematics, engineering or the physical sciences — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0201) Sather, J
0102 MWF.....10:00am-10:50am (MTH 0106) STAFF
0103 MWF.....10:00am-10:50am (MTH 0303) STAFF
0104 MWF.....10:00am-10:50am (MTH 0101) STAFF
0105 MWF.....10:00am-10:50am (MTH 0103) STAFF
0106 MWF.....10:00am-10:50am (MTH 0304) STAFF
0201 MWF.....11:00am-11:50am (MTH 0201) STAFF
0202 MWF.....11:00am-11:50am (MTH 0106) STAFF
0203 MWF.....11:00am-11:50am (MTH 0303) STAFF
0204 MWF.....11:00am-11:50am (MTH 0101) STAFF
0205 MWF.....11:00am-11:50am (MTH 0103) STAFF
0206 MWF.....11:00am-11:50am (MTH 0304) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH B0421) STAFF
0302 MWF.....1:00pm- 1:50pm (MTH 0201) STAFF
0303 MWF.....1:00pm- 1:50pm (MTH 0106) STAFF
0306 MWF.....1:00pm- 1:50pm (MTH 0102) Shepherd, J
0401 MWF.....2:00pm- 2:50pm (MTH B0421 STAFF
0402 MWF.....2:00pm- 2:50pm (MTH 0201) STAFF
0403 MWF.....2:00pm- 2:50pm (MTH 0106) STAFF
0406 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF

MATH115 Pre-Calculus; Grade Method: REG/P-F/AUD; Students who fail qualifying exam take MATH 001B. For each of the following pairs, credit will be given for only one of the two listed courses - MATH 115 and MATH 102, MATH 115 and MATH 103, MATH 115 and MATH 104, MATH 115 and MATH 110. — 3 credits
0111 MWF.....8:00am- 8:50am (MTH 0102) STAFF
0112 MWF.....8:00am- 8:50am (MTH 0201) STAFF
0113 MWF.....8:00am- 8:50am (MTH 0106) STAFF
0211 MWF.....9:00am- 9:50am (MTH 0102) STAFF
0212 MWF.....9:00am- 9:50am (MTH 0201) STAFF
0213 MWF.....9:00am- 9:50am (MTH 0106) STAFF
0216 MWF.....9:00am- 9:50am (MTH B0421) Gulick, F
0311 MWF.....3:00pm- 3:50pm (MTH B0421) STAFF
0312 MWF.....3:00pm- 3:50pm (MTH 0201) STAFF
0411 MWF.....4:00pm- 4:50pm (MTH B0421) STAFF
0412 MWF.....4:00pm- 4:50pm (MTH 0201) STAFF

MATH140 Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses MATH 140 and MATH 220. — 4 credits
0111 MWF.....10:00am-10:50am (ARM 0135) Cooper, J
TuTh.....8:00am- 8:50am (MTH B0421) DIS
0121 MWF.....10:00am-10:50am (ARM 0135) Cooper, J
TuTh.....9:00am- 9:50am (MTH B0421) DIS
0131 MWF.....10:00am-10:50am (ARM 0135) Cooper, J
TuTh.....10:00am-10:50am (MTH B0421) DIS
0141 MWF.....10:00am-10:50am (ARM 0135) Cooper, J
TuTh.....11:00am-11:50am (MTH B0421) DIS
0211 MWF.....12:00pm-12:50pm (ARM 0135) Warner, C
TuTh.....10:00am-10:50am (MTH 0303) DIS
0221 MWF.....12:00pm-12:50pm (ARM 0135) Warner, C
TuTh.....11:00am-11:50am (MTH 0106) DIS
0231 MWF.....12:00pm-12:50pm (ARM 0135) Warner, C
TuTh.....12:00pm-12:50pm (MTH 0409) DIS
0241 MWF.....12:00pm-12:50pm (ARM 0135) Warner, C
TuTh.....1:00pm- 1:50pm (MTH B0421) DIS
0311 MWF.....2:00pm- 2:50pm (ARM 0135) Sweet, D
TuTh.....1:00pm- 1:50pm (MTH 0303) DIS
0321 MWF.....2:00pm- 2:50pm (ARM 0135) Sweet, D
TuTh.....2:00pm- 2:50pm (MTH B0421) DIS
0322 MWF.....2:00pm- 2:50pm (ARM 0135) Sweet, D
TuTh.....2:00pm- 2:50pm (MTH 0201) DIS
0331 MWF.....2:00pm- 2:50pm (ARM 0135) Sweet, D
TuTh.....3:00pm- 3:50pm (MTH B0421) DIS
0411 MWF.....11:00am-11:50am (ARM 0135) Goldberg, S
TuTh.....9:00am- 9:50am (MTH 0106) DIS
0421 MWF.....11:00am-11:50am (ARM 0135) Goldberg, S
TuTh.....10:00am-10:50am (MTH 0101) DIS
0431 MWF.....11:00am-11:50am (ARM 0135) Goldberg, S
TuTh.....11:00am-11:50am (MTH 0101) DIS
0441 MWF.....11:00am-11:50am (ARM 0135) Goldberg, S
TuTh.....1:00pm- 1:50pm (MTH 0103) DIS
0511 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0201) DIS
0521 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0101) DIS
0531 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH 0103) DIS
0541 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH 0103) DIS

MATH141 Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses: MATH 141 and MATH 221. Students enrolled in MATH 141 are eligible for MATH 143 - Calculus Computer Lab. — 4 credits
0111 MWF.....8:00am- 8:50am (PHY 1412) Kirwan, W
TuTh.....8:00am- 8:50am (MTH 0303) DIS
0121 MWF.....8:00am- 8:50am (PHY 1412) Kirwan, W
TuTh.....9:00am- 9:50am (MTH 0304) DIS
0131 MWF.....8:00am- 8:50am (PHY 1412) Kirwan, W
TuTh.....10:00am-10:50am (MTH 0304) DIS
0132 MWF.....8:00am- 8:50am (PHY 1412) Kirwan, W
TuTh.....10:00am-10:50am (MTH 0305) DIS
0211 MWF.....12:00pm-12:50pm (ARM 0131) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0304) DIS
0212 MWF.....12:00pm-12:50pm (ARM 0131) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0305) DIS
0221 MWF.....12:00pm-12:50pm (ARM 0131) Greenberg, L
TuTh.....12:00pm-12:50pm (MTH 0106) DIS
0222 MWF.....12:00pm-12:50pm (ARM 0131) Greenberg, L
TuTh.....12:00pm-12:50pm (MTH 0303) DIS
0231 MWF.....12:00pm-12:50pm (ARM 0131) Greenberg, L
TuTh.....1:00pm- 1:50pm (MTH 0304) DIS
0241 MWF.....12:00pm-12:50pm (ARM 0131) Greenberg, L
TuTh.....2:00pm- 2:50pm (MTH 0101) DIS
0311 MWF.....1:00pm- 1:50pm (ARM 0135) Greenberg, L
TuTh.....12:00pm-12:50pm (MTH 0103) DIS
0321 MWF.....1:00pm- 1:50pm (ARM 0135) Greenberg, L
TuTh.....1:00pm- 1:50pm (MTH 0305) DIS
0331 MWF.....1:00pm- 1:50pm (ARM 0135) Greenberg, L
TuTh.....2:00pm- 2:50pm (MTH 0103) DIS
0341 MWF.....1:00pm- 1:50pm (ARM 0135) Greenberg, L
TuTh.....3:00pm- 3:50pm (MTH 0201) DIS
0411 MWF.....2:00pm- 2:50pm (ARM 0131) Osborn, J
TuTh.....1:00pm- 1:50pm (MTH 0307) DIS
0421 MWF.....2:00pm- 2:50pm (ARM 0131) Osborn, J
TuTh.....2:00pm- 2:50pm (MTH 0305) DIS
0422 MWF.....2:00pm- 2:50pm (ARM 0131) Osborn, J
TuTh.....2:00pm- 2:50pm (MTH 0306) DIS
0431 MWF.....2:00pm- 2:50pm (ARM 0131) Osborn, J
TuTh.....3:00pm- 3:50pm (MTH 0106) DIS
0811 MWF.....10:00am-10:50am (ARM 0131) Goldberg, S
TuTh.....8:00am- 8:50am (MTH 0304) DIS
0821 MWF.....10:00am-10:50am (ARM 0131) Goldberg, S
TuTh.....9:00am- 9:50am (MTH 0307) DIS
0831 MWF.....10:00am-10:50am (ARM 0131) Goldberg, S
TuTh.....10:00am-10:50am (MTH 0306) DIS
0841 MWF.....10:00am-10:50am (ARM 0131) Goldberg, S
TuTh.....11:00am-11:50am (MTH 0307) DIS
0842 MWF.....10:00am-10:50am (ARM 0131) Goldberg, S
TuTh.....11:00am-11:50am (MTH 0403) DIS
0851 MWF.....10:00am-10:50am (ARM 0131) Goldberg, S
TuTh.....12:00pm-12:50pm (MTH 0407) DIS

MATH141H (PermReq) Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to University General Honors students. Credit will be given for only one of the two courses MATH 141H and MATH 221. — 4 credits
2011 MTuWF.....10:00am-10:50am (MTH B0429) Lehner, G
2111 MWThF.....12:00pm-12:50pm (MTH B0429) Kleppner, A

MATH143 Computer Laboratory for MATH 141; Grade Method: REG/P-F/AUD; Computer applications to problems of elementary calculus. Open only to students who are registered in MATH 141 or who have completed MATH 141. No prior computer knowledge is needed. — 2 credits
0101 MW.....8:00am- 8:50am (MTH B0421) Correl, E

MATH151 (PermReq) Calculus II (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0111 TuTh.....2:00pm- 4:00pm (MTH 0302) Berg, K

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; MATH 210 is open only to the following majors: 0823O-educ. early childhood, 0823X pre-early childhood educ, 0802O-educ elem, 0802X-pre-elem educ, 0808B-spec educ, 0808X-pre-special educ. — 4 credits
0101 MTuWTh.....8:00am- 8:50am (MTH B0429) STAFF
0201 MTuWTh.....9:00am- 9:50am (MTH B0429) STAFF
0301 MTuWTh.....11:00am-11:50am (MTH B0429) STAFF
0401 MTuWTh.....1:00pm- 1:50pm (MTH B0429) STAFF
0501 MW.....2:00pm- 4:00pm (MTH B0429) STAFF

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0101 MTuWTh.....9:00am- 9:50am (MTH B0427) STAFF
0201 TuTh.....11:00am- 1:00pm (MTH B0427) STAFF
0301 MTuWTh.....2:00pm- 2:50pm (MTH B0427) STAFF
0401 MW.....2:00pm- 4:00pm (MTH B0425) STAFF

MATH220 Elementary Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses MATH 220 and MATH 140. MATH 220 is not open to students majoring in mathematics, engineering or the physical sciences. — 3 credits
0111 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....8:00am- 8:50am (MTH 0407) DIS
0121 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....9:00am- 9:50am (MTH 0407) DIS
0131 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....11:00am-11:50am (MTH 0407) DIS
0141 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....12:00pm-12:50pm (MTH 0407) DIS
0151 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....1:00pm- 1:50pm (MTH 0407) DIS
0161 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....2:00pm- 2:50pm (MTH 0407) DIS
0171 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....3:00pm- 3:50pm (MTH 0407) DIS
0181 TuTh.....9:30am-10:45am (ARM 0131) Fitzpatrick, P
W.....4:00pm- 4:50pm (MTH 0407) DIS
0211 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....8:00am- 8:50am (MTH 0409) DIS
0221 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....9:00am- 9:50am (MTH 0409) DIS
0231 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....10:00am-10:50am (MTH 0409) DIS
0241 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....11:00am-11:50am (MTH 0409) DIS
0251 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....1:00pm- 1:50pm (MTH 0409) DIS
0261 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....2:00pm- 2:50pm (MTH 0409) DIS
0271 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....3:00pm- 3:50pm (MTH 0409) DIS
0281 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....4:00pm- 4:50pm (MTH 0409) DIS
0311 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....8:00am- 8:50am (MTH 0407) DIS
0321 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....9:00am- 9:50am (MTH 0407) DIS
0331 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....11:00am-11:50am (MTH 0407) DIS
0341 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....12:00pm-12:50pm (MTH 0407) DIS
0351 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....1:00pm- 1:50pm (MTH 0407) DIS
0361 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....2:00pm- 2:50pm (MTH 0407) DIS
0371 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....3:00pm- 3:50pm (MTH 0407) DIS
0381 TuTh.....12:30pm- 1:45pm (ARM 0131) Hamilton, D
M.....4:00pm- 4:50pm (MTH 0407) DIS
0451 MW.....3:00pm- 4:15pm (ARM 0135) STAFF
Th.....1:00pm- 1:50pm (MTH 0409) DIS
0461 MW.....3:00pm- 4:15pm (ARM 0135) STAFF
Th.....2:00pm- 2:50pm (MTH 0409) DIS
0471 MW.....3:00pm- 4:15pm (ARM 0135) STAFF
Th.....3:00pm- 3:50pm (MTH 0409) DIS
0481 MW.....3:00pm- 4:15pm (ARM 0135) STAFF
Th.....4:00pm- 4:50pm (MTH 0409) DIS
0551 TuTh.....2:00pm- 3:15pm (ARM 0131) Alexander, J
F.....1:00pm- 1:50pm (MTH 0407) DIS
0561 TuTh.....2:00pm- 3:15pm (ARM 0131) Alexander, J
F.....2:00pm- 2:50pm (MTH 0407) DIS
0571 TuTh.....2:00pm- 3:15pm (ARM 0131) Alexander, J
F.....3:00pm- 3:50pm (MTH 0407) DIS
0581 TuTh.....2:00pm- 3:15pm (ARM 0131) Alexander, J
F.....4:00pm- 4:50pm (MTH 0407) DIS
0611 MWF.....9:00am- 9:50am (ARC 0204) Cleary, M
Tu.....8:00am- 8:50am (MTH 0407) DIS
0621 MWF.....9:00am- 9:50am (ARC 0204) Cleary, M
Tu.....9:00am- 9:50am (MTH 0407) DIS
0631 MWF.....9:00am- 9:50am (ARC 0204) Cleary, M
Tu.....10:00am-10:50am (MTH 0407) DIS
0641 MWF.....9:00am- 9:50am (ARC 0204) Cleary, M
Tu.....11:00am-11:50am (MTH 0407) DIS

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses; MATH 221 and MATH 141. MATH 221 is not open to students majoring in mathematics, engineering or the physical sciences. — 3 credits
0111 TuTh.....11:00am-12:15pm (ARM 0131) Rosenberg, J
F.....8:00am- 8:50am (MTH 0409) DIS
0121 TuTh.....11:00am-12:15pm (ARM 0131) Rosenberg, J
F.....9:00am- 9:50am (MTH 0409) DIS
0131 TuTh.....11:00am-12:15pm (ARM 0131) Rosenberg, J
F.....11:00am-11:50am (MTH 0409) DIS
0141 TuTh.....11:00am-12:15pm (ARM 0131) Rosenberg, J
F.....12:00pm-12:50pm (MTH 0409) DIS
0251 MW.....3:00pm- 4:15pm (ARM 0131) Lay, D
Th.....1:00pm- 1:50pm (MTH 0407) DIS
0261 MW.....3:00pm- 4:15pm (ARM 0131) Lay, D
Th.....2:00pm- 2:50pm (MTH 0407) DIS
0271 MW.....3:00pm- 4:15pm (ARM 0131) Lay, D
Th.....3:00pm- 3:50pm (MTH 0407) DIS
0281 MW.....3:00pm- 4:15pm (ARM 0131) Lay, D
Th.....4:00pm- 4:50pm (MTH 0407) DIS

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of the two listed courses, MATH 240 and MATH 400, MATH 240 and MATH 461. — 4 credits
0111 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....8:00am- 8:50am (MTH 0106) DIS
0121 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....9:00am- 9:50am (MTH 0306) DIS
0131 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....10:00am-10:50am (MTH 0106) DIS
0141 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....11:00am-11:50am (MTH 0303) DIS
0151 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....12:00pm-12:50pm (MTH B0421) DIS
0161 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....1:00pm- 1:50pm (MTH 0201) DIS
0171 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....2:00pm- 2:50pm (MTH 0303) DIS
0181 MWF.....11:00am-11:50am (ARM 0126) Auslander, J
TuTh.....3:00pm- 3:50pm (MTH 0101) DIS

MATH241 Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
1211 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0403) DIS
1212 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0306) DIS
1221 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0201) DIS
1222 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0403) DIS
1231 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....10:00am-10:50am (MTH 0403) DIS
1241 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....12:00pm-12:50pm (MTH 0201) DIS
1301 WF.....8:00am- 8:50am (MTH 0104) Rudolph, D
WF.....9:00am- 9:50am (MTH 0104) DIS
1401 MWF.....10:00am-10:50am (MTH 0405) STAFF
W.....9:00am- 9:50am (MTH 0409) DIS
1501 MWF.....11:00am-11:50am (MTH 0405) Good, R
W.....12:00pm-12:50pm (MTH 0307) DIS
1601 MWF.....12:00pm-12:50pm (MTH 0405) Currier, A
W.....11:00am-11:50am (MTH 0409) DIS
1701 MWF.....1:00pm- 1:50pm (MTH 0405) STAFF
W.....12:00pm-12:50pm (MTH 0409)
1801 TuTh.....11:00am-12:15pm (MTH 0405) Wolpert, S
F.....10:00am-10:50am (MTH 0409) DIS
1901 TuTh.....12:30pm- 1:45pm (MTH 0405) STAFF
M.....1:00pm- 1:50pm (MTH 0409) DIS

MATH241H (PermReq) Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to General University Honors students. — 4 credits
2011 TuTh.....2:00pm- 4:00pm (MTH B0429) Hummel, J

MATH246 Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0104) Helzer, G
0201 MWF.....9:00am- 9:50am (MTH 0405) Pearl, M
0202 MWF.....9:00am- 9:50am (MTH 0302) Lipsman, R
0301 MWF.....10:00am-10:50am (MTH 0407) STAFF
0302 MWF.....10:00am-10:50am (MTH 1313) Wolfe, P
0401 MWF.....11:00am-11:50am (MTH 0307) Reinhart, B
0402 MWF.....11:00am-11:50am (MTH 0105) Ehrlich, G
0403 MWF.....11:00am-11:50am (MTH 1313) Dancis, J
0501 MWF.....12:00pm-12:50pm (MTH 0106) Liu, T
0502 MWF.....12:00pm-12:50pm (MTH 0306) Kudla, S
0601 MWF.....1:00pm- 1:50pm (MTH 0307) Goldman, W
0602 MWF.....1:00pm- 1:50pm (MTH 0302) STAFF
0701 MWF.....2:00pm- 2:50pm (MTH 0305) Gray, A
0901 TuTh.....9:30am-10:45am (MTH 0405) Johnson, R
1001 TuTh.....11:00am-12:15pm (MTH 0105) Berenstein, C
1101 TuTh.....12:30pm- 1:45pm (MTH 0105) Winkelkemper, H

MATH251 (PermReq) Calculus IV (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Required for majors in elementary education. — 4 credits
0111 TuTh.....2:00pm- 4:00pm (MTH 0301) Horvath, J

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH299B Selected Topics in Mathematics: Numerical Analysis; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. — 3 credits
0201 MWF.....2:00pm- 2:50pm (MTH 0104) Hubbard, B

MATH310 Introduction to Mathematical Reasoning; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; MATH 310 cannot be used towards the upper level math requirements for MATH/STAT majors. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0105) Neri, U

MATH386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0306) Adams, J
0201 TuTh.....8:00am- 9:15am (MTH 0405) Johnson, R

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses MATH 402 and MATH 403. Not open to mathematics graduate students or to undergraduates interested in continuing to graduate school in mathematics. — 3 credits
0101 MWF.....4:00pm- 4:50pm (MTH 0405) Schneider, D

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses: MATH 403 and MATH 402. — 3 credits
0101 MWF.....11:00am-11:50am (MTH 0403) Lipsman, R

MATH404 Field Theory; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0107) Currier, A

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 1313) Grove, K

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH B0421) Gray, A
0201 MWF.....10:00am-10:50am (MTH B0421) STAFF
0301 TuTh.....11:00am-12:15pm (MTH 1313) Ehrlich, G
0401 MWF.....10:00am-10:50am (MTH 0307) Pearl, M
0601 MWF.....2:00pm- 2:50pm (MTH 0405) STAFF

MATH410 (PermReq) Advanced Calculus I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 1313) Newhouse, S
0201 MWF.....11:00am-11:50am (MTH 1311) Sweet, D

MATH411 (PermReq) Advanced Calculus II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1311) Brace, J
0201 TuTh.....12:30pm- 1:45pm (MTH 1311) Fitzpatrick, P
0301 MWF.....11:00am-11:50am (MTH 1308) Gulick, D

MATH414 Differential Equations; Grade Method: REG/P-F/AUD; Credit will be given for only one of the courses MATH 414 or MATH 472. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 1313) Rudolph, D

MATH417 Introduction to Fourier Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH B0423) Herb, R

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0405) Winkelkemper, H
0201 MWF.....9:00am- 9:50am (MTH 1308) Reinhart, B

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD; — 3 credits
0201 MWF.....10:00am-10:50am (MTH 0403) Lopez-Escobar,
0301 TuTh.....11:00am-12:15pm (MTH B0423) Edmundson, H

MATH446 Axiomatic Set Theory; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0107) Kueker, D

MATH461 Linear Algebra For Scientists and Engineers; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses, MATH 461 and MATH 240, MATH 461 and MATH 400. MATH 461 cannot be used to meet the upper level math requirements for MATH/STAT majors. — 3 credits
0101 MWF.....11:00am-11:50am (MTH B0421) Hubbard, B
0201 MWF.....1:00pm- 1:50pm (MTH 0304) Lay, D
0301 MWF.....2:00pm- 2:50pm (MTH 0306) STAFF
0501 MWF.....10:00am-10:50am (MTH 1308) Antman, S
0601 TuTh.....9:30am-10:45am (MTH 0105) Berenstein, C

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses, MATH 462 and MATH 415. — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0101) Brin, M
0201 MWF.....9:00am- 9:50am (MTH 0411) Chu, H
0301 MWF.....2:00pm- 2:50pm (MTH 0307) Sather, J
0401 TuTh.....2:00pm- 3:15pm (MTH 0403) STAFF
0501 MWF.....1:00pm- 1:50pm (MTH 0103) Dancis, J

MATH463 Complex Variables For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses, MATH 463 and MATH 413. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0403) STAFF
0201 MWF.....1:00pm- 1:50pm (MTH 0305) Babuska, I
0301 TuTh.....2:00pm- 3:15pm (MTH 0307) King, H
0401 MWF.....2:00pm- 2:50pm (MTH 0304) Douglis, A
0601 MWF.....12:00pm-12:50pm (MTH 0201) STAFF
0701 TuTh.....9:30am-10:45am (MTH 1311) STAFF
0801 MWF.....1:00pm- 1:50pm (MTH 0105) Cohen, J

0901 TuTh.....12:30pm- 1:45pm (MTH 0403) Benedetto, J

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH 1308) Wolpert, S
0201 MWF.....1:00pm- 1:50pm (MTH 1311) Douglis, A

MATH478A Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. 1-3 credits

MATH498A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498B Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498C Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498D Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

MATH498G Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; 3-16 credits
0701 MWF.....2:00pm- 2:50pm (MTH 0102) Antman, S

MATH601 Abstract Algebra II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0304) Rosenberg, J

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH608B Selected Topics in Algebra: Algebraic Geometry II; Grade Method: REG/AUD; 3 credits
0201 MWF.....12:00pm-12:50pm (MTH 0301) Millson, M

MATH608C Selected Topics in Algebra; Grade Method: REG/AUD; 3 credits
0301 MWF.....10:00am-10:50am (MTH 0107) Kudla, S

MATH630 Real Analysis I; Grade Method: REG/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 1308) Auslander, J

MATH631 Real Analysis II; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0107) Herb, R
0201 MWF.....9:00am- 9:50am (MTH 0301) Warner, C

MATH634 Harmonic Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0301) Horvath, J

MATH636 Representation Theory; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH B0431) Kleppner, A

MATH643 Dynamical Systems II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0107) Boyle, M

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH648B Selected Topics in Analysis: Advanced Topics in Ode; Grade Method: REG/AUD; 3 credits
0201 TuTh.....11:00am-12:15pm (MTH B0431) Alexander, J

MATH648C Selected Topics in Analysis: Mathematical Methods in Comm. Theory; Grade Method: REG/AUD; 3 credits
0301 TuTh.....9:30am-10:45am (MTH B0431) Benedetto, J

MATH660 Complex Analysis I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0405) Olver, F

MATH661 Complex Analysis II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0411) Hamilton, D

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH671 Ordinary Differential Equations II; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0303) Chu, H

MATH674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0401) Evans, L

MATH681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH B0423) Maddocks, J

MATH686 Modern Methods in Partial Differential Equations II; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 0104) Jones, C

MATH713 Mathematical Logic II; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 0301) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH718B Selected Topics in Mathematical Logic; Grade Method: REG/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH B0431) STAFF

MATH734 Algebraic Topology; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH B0431) Goldman, W

MATH742 Differential Topology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0431) King, H

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH748B Selected Topics in Geometry and Topology; Grade Method: REG/AUD; 3 credits
0201 MWF.....1:00pm- 1:50pm (MTH 0301) Brin, M

MATH748C Selected Topics in Geometry and Topology; Grade Method: REG/AUD; 3 credits
0301 TuTh.....2:00pm- 3:15pm (MTH B0431) Grove, K

MATH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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**MEES Marine - Estuarine - Environmental Sciences (Life Sciences)**

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MEES608A Seminar in Marine-Estuarine-Environmental Sciences: Submerged Aquatic Vegetation; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 5:50pm (HJP 1229) Patterson, G

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Fisheries and Fish Ecology; Grade Method: REG/AUD; Course meets at Chesapeake Biological Lab. 2 credits
0101 MW.....2:00pm- 2:50pm (Arranged) Houde, E

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Aquatic Biochemistry and Toxicology; Grade Method: REG/AUD; Course meets at Chesapeake Biological Lab. 1 credit
0101 Time and room to be arranged Wright, D

MEES608D Seminar in Marine-Estuarine-Environmental Sciences: Scientific Writing; Grade Method: REG/AUD; Course meets at Horn Point Environmental Lab. 1-2 credits
0101 Time and room to be arranged Kennedy, V

MEES698L Special Topics in Marine-Estuarine-Environmental Sciences: Ecology of Estuarine and Marine Environments; Grade Method: REG/AUD; 3 credits
0101 Th.....12:30pm- 3:30pm (EGR 3108) Newell, R

MEES698P Special Topics in Marine-Estuarine-Environmental Sciences: Advanced Limnology; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory. 4 credits
0101 WF.....2:00pm- 2:50pm (Arranged) Swift, M
TuTh.....2:00pm- 3:50pm (Arranged) LAB

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MEES799 (PermReq) Masters Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MEES899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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**METO Meteorology (Comp, Math, & Phys Sci)**

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METO301 Introduction to Meteorology; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 113, PHYS 122 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2114) STAFF

METO411 General Meteorology II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) Atlas, R

METO412 Physics and Thermodynamics of the Atmosphere; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 2114) Ellingson, R

METO460 Synoptic Meteorology I; Grade Method: REG/P-F/AUD; Co-requisite: METO 411 or equivalent. 3 credits
0101 TuTh.....1:00pm- 4:00pm (CSS 2114A) Huffman, G

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO610 Dynamic Meteorology I; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2114) Kinter III, J

METO612 Atmospheric Turbulence and Diffusion; Grade Method: REG/AUD; Prerequisite: METO 416 or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (CSS 2114) Faller, A

METO630 Statistical Methods in Meteorology; Grade Method: REG/AUD; Prerequisites: METO 411, STAT 400 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (CSS 2114) Vernekar, A

METO646 Atmospheric Optics; Grade Method: REG/AUD; Prerequisites: METO 412, MATH 246 or equivalent. 3 credits
0101 Time and room to be arranged Wilkerson, T

METO658A Special Topics in Meteorology: Satellite Applications for Surface Climatology; Grade Method: REG/AUD; Prerequisites: MATH 241 and PHYS 263 or consent of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

METO899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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**MICB Microbiology (Life Sciences)**

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MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....9:00am-10:00am (SKN 2113) LAB
0102 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....11:00am-12:00pm (SKN 2113) LAB
0103 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....12:00pm- 1:00pm (SKN 2113) LAB
0104 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....1:00pm- 2:00pm (SKN 2113) LAB
0105 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....2:00pm- 3:00pm (SKN 2113) LAB
0106 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....3:00pm- 4:00pm (SKN 2113) LAB
0107 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....9:00am- 9:50am (SKN 2119) LAB
0108 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....11:00am-12:00pm (SKN 2119) LAB

MICB200 General Microbiology; Grade Method: REG/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: two semesters of chemistry. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. 4 credits
0101 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
MW.....9:00am-11:00am (SKN 2105) LAB
0102 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
MW.....9:00am-11:00am (SKN 2109) LAB
0103 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
MW.....12:00pm- 2:00pm (SKN 2105) LAB
0104 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
MW.....12:00pm- 2:00pm (SKN 2109) LAB
0106 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
MW.....2:00pm- 4:00pm (SKN 2105) LAB
0107 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
MW.....2:00pm- 4:00pm (SKN 2109) LAB
0109 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....9:00am-11:00am (SKN 2105) LAB
0110 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....9:00am-11:00am (SKN 2109) LAB
0112 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....12:00pm- 2:00pm (SKN 2105) LAB
0113 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....12:00pm- 2:00pm (SKN 2109) LAB
0114 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....12:00pm- 2:00pm (SKN 2119) LAB
0115 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....2:00pm- 4:00pm (SKN 2105) LAB
0116 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....2:00pm- 4:00pm (SKN 2109) LAB
0117 TuTh.....11:00am-11:50am (SKN 0200) Weiner, R
TuTh.....6:00pm- 8:00pm (SKN 2105) LAB

MICB310 Applied Microbiology; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200. 4 credits
0101 TuTh.....1:00pm- 1:50pm (SKN 0124) Cook, T
TuTh.....9:00am-11:00am (SKN 2113) LAB
0102 TuTh.....1:00pm- 1:50pm (SKN 0124) Cook, T
TuTh.....9:00am-11:00am (SKN 2122) LAB
0103 TuTh.....1:00pm- 1:50pm (SKN 0124) Cook, T
TuTh.....11:00am- 1:00pm (SKN 2113) LAB
0104 TuTh.....1:00pm- 1:50pm (SKN 0124) Cook, T
TuTh.....11:00am- 1:00pm (SKN 2122) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. 2-3 credits

MICB380 Bacterial Genetics; Grade Method: REG; Prerequisites: CHEM 233, 243, and 4 credits of microbiology. 4 credits
0101 WF.....10:00am-10:50am (SKN 0124) Voll, M
WF.....12:00pm- 2:00pm (SKN 2122) LAB
0102 WF.....10:00am-10:50am (SKN 0124) Voll, M
WF.....12:00pm- 2:00pm (SKN 2106) LAB

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F; Prerequisite: two lab courses in MICB. May be repeated but only 4 credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388A Special Topics in Microbiology: Immunology; Grade Method: REG/P-F/AUD; Prerequisite: MICB 440. 2 credits
0101 TuTh.....11:00am-11:50am (SKN 0124) Roberson, B
F.....10:00am-10:50am (SKN 2113) DIS

MICB388B Special Topics in Microbiology: Introduction to Biotechnology: Recombinant DNA Techniques; Grade Method: REG/AUD; Prerequisite: MICB 380 or consent of the instructor 4 credits
0101 MW.....1:00pm- 2:00pm (SKN 0124) Stein, D
MW.....2:00pm- 5:00pm (SKN 2106) LAB
0102 MW.....1:00pm- 2:00pm (SKN 0124) Stein, D
MW.....2:00pm- 5:00pm (SKN 2119) LAB

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. 3 credits

MICB410 History of Microbiology; Grade Method: REG/P-F/AUD; 1 credit
0101 F.....9:00am- 9:50am (SKN 0124) Doetsch, R

MICB420 Epidemiology and Public Health; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200. 2 credits
0101 TuTh.....10:00am-10:50am (SKN 0124) Joseph, S

MICB450 Immunology; Grade Method: REG; Prerequisite: MICB 440 or consent of department. Student should have attained minimum level of 80 completed credits. 4 credits
0101 TuTh.....11:00am-11:50am (SKN 0124) Roberson, B
TuTh.....2:00pm- 4:00pm (SKN 2113) LAB
0102 TuTh.....11:00am-11:50am (SKN 0124) Roberson, B
TuTh.....2:00pm- 4:00pm (SKN 2119) LAB

MICB460 General Virology; Grade Method: REG; Prerequisite: MICB 440 or consent of department. 3 credits
0101 MWF.....11:00am-11:50am (SHM 2101) Hetrick, F

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MICB688C (PermReq) Special Topics: Current Topics in Virology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hetrick, F

MICB688D (PermReq) Special Topics: Current Topics in Ecology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Weiner, R

MICB688E (PermReq) Special Topics: Current Topics in Molecular Biotechnology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Stein, D

MICB688F (PermReq) Special Topics: Current Topics in Microbial Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Voll, M

MICB688G (PermReq) Special Topics: Current Topics in Bacterial Metabolism and Physiology; Grade Method: REG; 1 credit
0101 Time and room to be arranged MacQuillan, A

MICB688I (PermReq) Special Topics: Current Topics in Fermentation Microbiology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Cook, T

MICB688K (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Joseph, S

MICB688M Special Topics: Introduction to Biotechnology: Recombinant DNA Techniques; Grade Method: REG/AUD; Prerequisite: MICB 380 or consent of the instructor. 4 credits
0101 MW.....1:00pm- 2:00pm (SKN 0124) Stein, D
MW.....2:00pm- 5:00pm (SKN 2122) LAB

MICB760 Virology and Tissue Culture; Grade Method: REG/AUD; 2 credits
0101 TuTh.....4:00pm- 4:50pm (SKN 0124) Hetrick, F

MICB789 Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....3:00pm- 5:00pm (SKN 0124) Hetrick, F
F.....12:00pm-12:50pm (SKN 0124)
Th.....2:00pm- 4:00pm (SKN 0124)

MICB799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MICB899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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**MUED Music Education (Education,**

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MUED197 Pre-Professional Experiences; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....11:00am- 1:00pm (TWS 3238) Folstrom, R
W.....11:00am-11:50am (TWS 3238) LAB

MUED410 Instrumental Arranging; Grade Method: REG/AUD; 2 credits
0101 MWF.....11:00am-11:50am (TWS 2123) Gallagher, C

MUED420 Instrumental Music: Methods, Materials and Administration For Secondary School; Grade Method: REG/AUD; 2 credits
0101 TuTh.....8:00am-10:00am (TWS 1123) Gallagher, C

MUED472 Choral Techniques and Repertoire; Grade Method: REG/AUD; Must be taken concurrently with MUED 478. 2 credits
0101 Tu.....9:00am- 9:50am (TWS 3238) Folstrom, R
Th.....9:00am-11:00am (TWS 3238)

MUED478 Special Topics in Music Education: General Music in Middle/Junior High Schools; Grade Method: REG/AUD; 2 credits
0101 Tu.....10:00am-12:00pm (TWS 3238) Troth, E
Th.....11:00am-11:50am (TWS 3238)

MUED478A Special Topics in Music Education: Organizing Elementary Teaching Experiences in Music; Grade Method: REG/AUD; 2 credits
0201 MW.....10:00am-12:00pm (TWS 3132) Baker, D

MUED499A Workshops, Clinics, Institutes: Learning Theory in Music; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 8:30pm (TWS 3132) Saunders, C

MUED499B Workshops, Clinics, Institutes: Mix and Match: Kodaly, Orff, Delcroze and Manhattenville; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:00pm (TWS 3132) Baker, D

MUED690 Research Methods in Music and Music Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED698A Current Trends in Music Education: Learning Theory in Music; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 8:30pm (TWS 3132) Saunders, C

MUED698B Current Trends in Music Education: Mix and Match: Kodaly, Orff, Dalcroze and Manhattenville; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:30pm- 9:00pm (TWS 3132) — Baker, D

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MUSC Music (Arts and Humanities)

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MUSC100A Beginning Class Voice; Grade Method: REG; Limited to non-music majors. — 2 credits
0101 MW.....9:00am- 9:50am (TWS 3228) — Barefield, M
0201 MW.....11:00am-11:50am (TWS 3228) — Whitmire, M
0301 TuTh.....11:00am-11:50am (TWS 3228) — Whitmire, M
0401 MW.....10:00am-10:50am (TWS 3228) — Whitmire, M
0501 MW.....12:00pm-12:50pm (TWS 3228) — Barefield, M
0601 TuTh.....9:30am-10:20am (TWS 3228) — Barefield, M

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F; Limited to non-music majors. — 2 credits
0201 TuTh.....8:00am- 9:15am (TWS 3218) — STAFF
0301 TuTh.....12:30pm- 1:45pm (TWS 3218) — STAFF

MUSC103 Beginning Class Piano II; Grade Method: REG/AUD; Limited to music majors. Prerequisite: MUSC 102 or permission of instructor. — 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 3218) — STAFF

MUSC103A Beginning Class Piano II; Grade Method: REG/AUD; Prerequisite: MUSC 102 or permission of instructor. Limited to MUED piano principals. — 2 credits
0101 MWF.....10:00am-10:50am (TWS 3218) — Elliston, R

MUSC114 Class Study: Cello and Bass; Grade Method: REG/AUD; Limited to music and music education majors. — 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) — Elsing, E
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC117 Class Study: Flute, Oboe, Bassoon, and Saxophone; Grade Method: REG/AUD; Limited to music and music education majors. — 2 credits
0101 MWF.....10:00am-10:50am (TWS 1123) — Gallagher, C
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC121 Class Study: Horn, Trombone, Euphonium, and Tuba; Grade Method: REG/AUD; Limited to music and music education majors. — 2 credits
0101 MWF.....8:00am- 8:50am (TWS 1102) — Wakefield, J
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC127 Vocal Diction: Italian and Spanish; Grade Method: REG/AUD; Voice majors only. — 1 credit
0101 TuTh.....11:00am-11:50am (TWS 3131) — STAFF

MUSC129A Ensemble: Strings; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 2239) — Berman, J
0201 TBA (TWS 3120B) — Elsing, E
0301 Time and room to be arranged — Steinhardt, A
0401 Time and room to be arranged — Tree, M
0501 Time and room to be arranged — Soyer, D
0601 Time and room to be arranged — Dalley, J

MUSC129B Ensemble: Woodwinds; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 3125) — Montgomery, W
0201 TBA (TWS 1219C) — Heim, N
0301 TBA (TWS 2229) — Olson, O
0401 TBA (TWS 3120A) — Jackson, R
0501 TBA (TWS 3120A) — Walters, E

MUSC129C Ensemble: Brass; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 2229) — Olson, O
0201 TBA (TWS 3121) — Head, E
0301 TBA (TWS 1112) — Sparks, L

MUSC129D Ensemble: Clarinet Choir; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MF.....12:00pm-12:50pm (TWS 1123) — Heim, N

MUSC129E Ensemble: Brass Choir; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MW.....12:00pm-12:50pm (TWS 1102) — Olson, O

MUSC129F Ensemble: Percussion; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TuTh.....11:00am-12:15pm (TWS 1102) — Barnett, R

MUSC129G Ensemble: Percussion Keyboard; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 1209B) — Barnett, R

MUSC129I Ensemble: Twentieth Century; Grade Method: REG; — 1 credit
0101 TBA (TWS 1241B) — DeLio, T

MUSC129J Ensemble: Jazz; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MW.....5:30pm- 7:00pm (TWS 1102) — Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) — Ross, G

MUSC129K Ensemble: Non-Western; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 3103) — Robertson, C

MUSC129L Ensemble: Mixed Instruments; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 3125) — Montgomery, W

MUSC129M Ensemble: Flute Choir; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 3116) — Montgomery, W

MUSC129T Ensemble: Tuba Ensemble; Grade Method: REG/AUD; — 1 credit
0101 TuTh.....9:30am-11:00am (TWS 1102) — Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. — 3 credits
0101 MWF.....10:00am-10:50am (TWS 2102) — Troth, E
0201 TuTh.....9:30am-10:45am (TWS 2102) — Davis, S

MUSC140 Music Fundamentals I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. — 3 credits
0101 TuTh.....8:00am- 9:30am (TWS 2102) — Olson, O

MUSC151 Theory of Music II; Grade Method: REG/AUD; Prerequisite: MUSC 150. — 3 credits
0101 TuThF.....9:00am- 9:50am (TWS 2123) — DeLio, T
MW.....9:00am- 9:50am (TWS 2123) LAB
0102 TuThF.....9:00am- 9:50am (TWS 2123) — DeLio, T
MW.....9:00am- 9:50am (TWS 2138) LAB
0201 MWF.....9:00am- 9:50am (TWS 2135) — Payerle, L
TuTh.....9:00am- 9:50am (TWS 2135) LAB
0202 MWF.....9:00am- 9:50am (TWS 2135) — Payerle, L
TuTh.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals For the Classroom Teacher; Grade Method: REG/P-F/AUD; — 3 credits
0201 TuTh.....11:00am-12:15pm (TWS 2123) — Baker, D
0301 MWF.....12:00pm-12:50pm (TWS 2123) — Saunders, C
0401 TuTh.....2:00pm- 3:15pm (TWS 2123) — Black, S

MUSC200 Intermediate Class Voice I; Grade Method: REG; Open to music and non-music majors. Prerequisite: MUSC 100 or permission of instructor. — 2 credits
0101 MW.....11:00am-11:50am (TWS 3131) — Tate, M

MUSC203 Intermediate Class Piano II; Grade Method: REG/AUD; Limited to MUED voice principals. Prerequisite: MUSC 202 or permission of instructor. — 2 credits
0201 MWF.....9:00am- 9:50am (TWS 3218) — STAFF

MUSC203A Intermediate Class Piano II; Grade Method: REG/AUD; Limited to MUED piano principals. Prerequisite: MUSC 202A or permission of instructor. — 2 credits
0101 MWF.....12:00pm-12:50pm (TWS 3218) — Elliston, R

MUSC215 The Art of the Performer; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....10:00am-10:50am (TWS 1125) — Walters, E

MUSC218 Class Composition II; Grade Method: REG/AUD; Prerequisite: MUSC 151 and permission of instructor. — 2 credits
0101 Tu.....2:00pm- 4:00pm (TWS 1123) — Moss, L

MUSC229A Ensemble: Symphony Orchestra; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MW.....3:00pm- 5:00pm (TWS 1102) — Hudson, W
Th.....7:00pm- 9:30pm (TWS 1102) LAB

MUSC229C Ensemble: Theater Orchestra; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 3267) — Hudson, W

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TuTh.....3:30pm- 6:00pm (TWS 1102) — Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) — Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD; — 1 credit
0101 Tu.....7:30pm- 9:30pm (TWS 1102) — Head, E

MUSC230 History of Music I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (TWS 2138) — Beicken, S

MUSC251 Advanced Theory of Music II; Grade Method: REG/AUD; Prerequisite: MUSC 250. — 4 credits
0101 MWF.....10:00am-10:50am (TWS 2135) — Gibson, R
TuTh.....10:00am-10:50am (TWS 2135) LAB
0102 MWF.....10:00am-10:50am (TWS 2135) — Gibson, R
TuTh.....10:00am-10:50am (TWS 2123*) LAB
0201 TuThF.....10:00am-10:50am (TWS 2138) — Wilson, M
MW.....10:00am-10:50am (TWS 2138) LAB
0202 TuThF.....10:00am-10:50am (TWS 2138) — Wilson, M
MW.....10:00am-10:50am (TWS 3131) LAB

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) — Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 Tu.....7:30pm-10:00pm (TWS 2102) — Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG; — 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) — Foster, V

MUSC330 History of Music II; Grade Method: REG/AUD; Romantic era to present. — 3 credits
0101 TuTh.....10:00am-11:15am (TWS 3116) — Helm, E

MUSC331 History of Music III; Grade Method: REG/AUD; Antiquity through Baroque. Prerequisites: MUSC 230 and 330. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 3116) — Serwer, H

MUSC339 (PermReq) Honors in Music; Grade Method: REG; Concurrent registration in MUSC 349 required. — 3 credits
0101 TBA (TWS 3105) — Helm, E

MUSC340 Music Literature Survey I; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....2:00pm- 4:00pm (TWS 3238) — Troth, E

MUSC346 Jazz Theory and Inprovisation II; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (TWS 1102) — Ross, G

MUSC349 (PermReq) Honors Seminar in Music; Grade Method: REG; Concurrent enrollment in MUSC 339 required. — 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 2237) — Helm, E

MUSC388 (PermReq) Music Internship; Grade Method: REG; — 3 credits
0101 TBA (TWS 2110) — Cooper, J

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG; — 1 credit
0101 TBA (TWS 2110) — Cooper, J

MUSC400I Music Pedagogy; Grade Method: REG/AUD; Limited to instrument majors. — 3 credits
0101 TBA (TWS 1209A) — Barnett, R
0201 TBA (TWS 2239) — Berman, J
0301 TBA (TWS 3120B) — Elsing, E
0401 TBA (TWS 3121) — Head, E
0501 TBA (TWS 1219C) — Heim, N
0601 TBA (TWS 3125) — Montgomery, W
0701 TBA (TWS 2229) — Olson, O
0801 TBA (TWS 1108) — Wakefield, J
1001 TBA (TWS 1108) — Bowman, B

MUSC400V Music Pedagogy; Grade Method: REG/AUD; Limited to voice majors. — 3 credits
0101 MW.....4:30pm- 6:00pm (TWS 3238) — Fleming, L

MUSC428 Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG/AUD; — 2 credits
0101 TBA (TWS 3214A) — Elliston, R
0201 TBA (TWS 3129) — Garvey, E

MUSC429 Opera Theater; Grade Method: REG; Contact instructor to make arrangements. — 2-3 credits
0101 MW.....3:00pm- 4:30pm (TWS 3228) — Mangold, M

MUSC436 Jazz: Then and Now; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2135) — Wexler, R

MUSC439A Collegium Musicum: Vocal; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MW.....3:00pm- 4:30pm (TWS 2138) — Traver, P

MUSC439B Collegium Musicum: Instrumental; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MW.....4:00pm- 5:30pm (TWS 1123) — Wexler, R

MUSC448 (PermReq) Special Topics in Music; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-6 credits

MUSC448A Special Topics in Music: Jazz Theory; Grade Method: REG/AUD; — 2 credits
0101 MW.....11:00am-11:50am (TWS 1123) — Gibson, R

MUSC448B Special Topics in Music: Orchestral Music; Grade Method: REG/AUD; — 3 credits
0201 M.....7:00pm- 9:30pm (TWS 3116) — Serwer, H

MUSC448C (PermReq) Special Topics in Music: Piano Technology II-IV; Grade Method: REG/AUD; — 2 credits
0301 TBA (TWS 3112) — STAFF

MUSC448D Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD; Instructors: Elliston,R. and Wells, R. — 2 credits
0101 Tu.....6:00pm- 8:30pm (TWS 3218) — Elliston, R
Tu.....6:00pm- 8:30pm (TWS 3218) LAB
0201 W.....6:00pm- 8:30pm (TWS 3218) — Elliston, R
W.....6:00pm- 8:30pm (TWS 3218) LAB

MUSC448E (PermReq) Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG; — 2 credits
0101 Time and room to be arranged — Steinhardt, A
0201 Time and room to be arranged — Tree, M
0301 Time and room to be arranged — Soyer, D
0401 Time and room to be arranged — Dalley, J

MUSC448G Special Topics in Music: Repertoire for Clarinet and Percussion; Grade Method: REG/AUD; — 2 credits
0101 TBA (TWS 1219C) — Heim, N

MUSC448I (PermReq) Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; — 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 3116) — Walters, E

MUSC448K Special Topics in Music: Business of Music II; Grade Method: REG/AUD; — 2 credits
0101 MW.....4:30pm- 5:20pm (TWS 2123) — Walters, E

MUSC450 Musical Form; Grade Method: REG/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (TWS 2138) — Payerle, L

MUSC453 Class Study of Guitar and Recorder; Grade Method: REG/AUD; Limited to music education majors. — 2 credits
0101 MWF.....3:00pm- 3:50pm (TWS 2123) — Saunders, C

MUSC471 Contemporary Compositional Techniques; Grade Method: REG/AUD; — 2 credits
0101 Tu.....10:00am-12:00pm (TWS 1123) — DeLio, T

MUSC484 Music in the Romantic Era; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3116) — Davis, S

MUSC487 Orchestration II; Grade Method: REG/AUD; — 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 2135) — Gibson, R

MUSC491 Conducting II; Grade Method: REG/AUD; Prerequisite: MUSC 490 or equivalent. — 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2138) — Hudson, W
0201 MWF.....1:00pm- 1:50pm (TWS 2123) — Cooper, J

MUSC494 Survey of Theory; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TWS 3238) — Payerle, L

MUSC499 Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

MUSC608 Chamber Music Repertoire; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MUSC639 Seminar in Music: Beethoven; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3116) — Davis, S

MUSC642 Early Music Notation; Grade Method: REG/AUD; — 3 credits
0101 F.....10:00am-12:30pm (TWS 3116) — Wexler, R

MUSC644 Seminar in Solo Vocal Literature II; Grade Method: REG/AUD; Advanced special students require department authorization. Songs of Hugo Wolf. — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2128) — Mabbs, L

MUSC645 Seminar in Vocal Pedagogy; Grade Method: REG/AUD; Prerequisite: MUSC 400 or equivalent. Advanced special students require department authorization. — 3 credits
0101 MW.....4:30pm- 6:00pm (TWS 3238) — Fleming, L

MUSC650 The Contemporary Idiom; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:30pm (TWS 3116) — Moss, L

MUSC679 Seminar in Ethnomusicology: Seminar in Ethnomusicology; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TWS 3116) — Robertson, C

MUSC683 Seminar in Music of the Classic Era; Grade Method: REG/AUD; — 3 credits
0101 W.....10:00am-12:30pm (TWS 3116) — Helm, E

MUSC689 Advanced Conducting; Grade Method: REG/AUD; Advanced special students require department authorization. Limited to conducting majors only. — 3 credits
0101 MW.....4:30pm- 6:00pm (NN 2140A) — Traver, P
0201 TBA (TWS 3267) — Hudson, W

MUSC699 Special Topics in Music; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-6 credits

MUSC699A Special Topics in Music: Jazz Theory; Grade Method: REG/AUD; Advanced special students require department authorization. — 2 credits
0101 MW.....11:00am-11:50am (TWS 1123) — Gibson, R

MUSC699B Special Topics in Music: Orchestral Music; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0201 M.....7:00pm- 9:30pm (TWS 3116) — Serwer, H

MUSC699C Special Topics in Music: Transcription and Analysis in Ethnomusicology; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (TWS 3116) — Robertson, C

MUSC699D Special Topics in Music: Jazz Vocal Technique and Piano Accompaniments; Grade Method: REG/AUD; Instructors: Elliston, R.and Wells, R. — 2 credits
0101 Tu.....6:00pm- 8:30pm (TWS 3218) — Elliston, R
Tu.....6:00pm- 8:30pm (TWS 3218) LAB
0201 W.....6:00pm- 8:30pm (TWS 3218) — Elliston, R
W.....6:00pm- 8:30pm (TWS 3218) LAB

MUSC699E Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG; Advanced special students require department authorization. — 2 credits
0101 Time and room to be arranged — Steinhardt, A
0201 Time and room to be arranged — Tree, M
0301 Time and room to be arranged — Soyer, D
0401 Time and room to be arranged — Dalley, J

MUSC699F Special Topics in Music: Survey of Theory; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TWS 3238) — Payerle, L

MUSC699G Special Topics in Music: Repertoire for Clarinet and Percussion; Grade Method: REG/AUD; Advanced special students require department authorization. — 2 credits
0101 TBA (TWS 1219C) — Heim, N

MUSC699I (PermReq) Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; — 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 3116) — Walters, E

MUSC699K Special Topics in Music: Business of Music II; Grade Method: REG/AUD; — 2 credits
0101 MW.....4:30pm- 5:20pm (TWS 2123) — Walters, E

MUSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MUSC800I Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; — 3 credits
1001 Time and room to be arranged — Bowman, B

MUSC801I (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; Limited to instrumental majors. Advanced special students require department authorization. — 3 credits
0101 TBA (TWS 1209A) — Barnett, R
0201 TBA (TWS 2239) — Berman, J
0301 TBA (TWS 3120B) — Elsing, E
0401 TBA (TWS 3121) — Head, E
0501 TBA (TWS 1219C) — Heim, N
0601 TBA (TWS 3125) — Montgomery, W
0701 TBA (TWS 2229) — Olson, O
0801 TBA (TWS 1108) — Wakefield, J
1001 TBA (TWS 1108) — Bowman, B

MUSC801P (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG; Limited to piano majors. Advanced special students require department authorization. — 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3129) — Delente, G

MUSC801V (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; Limited to voice majors. Advanced special students require department authorization. — 3 credits
0101 TuTh.....4:30pm- 6:00pm (TWS 2138) — McDonald, J

MUSC830I Doctoral Seminar in Music Literature; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Bowman, B

MUSC831I (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Limited to instrument majors. — 3 credits
0101 TBA (TWS 1209A) — Barnett, R
0201 TBA (TWS 2239) — Berman, J
0301 TBA (TWS 3120B) — Elsing, E
0401 TBA (TWS 3121) — Head, E
0501 TBA (TWS 1219C) — Heim, N
0601 TBA (TWS 3125) — Montgomery, W
0701 TBA (TWS 2229) — Olson, O
0801 TBA (TWS 1108) — Wakefield, J
1001 TBA (TWS 1108) — Bowman, B

MUSC831P (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Limited to piano majors. Advanced special students require department authorization. — 3 credits
0101 MW.....11:30am- 1:00pm (TWS 2135) — Gowen, B

MUSC831V (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Limited to voice majors. Advanced special students require department authorization. — 3 credits
0101 MW.....1:00pm- 2:30pm (NN 2124) — McCoy, R

MUSC878 Advanced Composition; Grade Method: — 3 credits

REG/AUD; Advanced special students require department authorization.

0101 TBA (TWS 1219B) Moss, L
0201 TBA (TWS 1241B) DeLio, T
0301 TBA (TWS 1231C) Wilson, M
0401 TBA (TWS 1241A) Gibson, R

MUSC899 Doctoral Dissertation. Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## MUSP Music Performance (Arts & Humanities)

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Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

| SUFFIX | INSTRUMENT | SUFFIX | INSTRUMENT | SUFFIX | INSTRUMENT |
|---|---|---|---|---|---|
| A | Piano | J | Bassoon | | |
| B | Voice | K | Saxophone | T | Composition |
| C | Violin | L | Horn | U | World inst undergrad |
| D | Viola | M | Trumpet | U | Conducting graduate |
| E | Cello | N | Trombone | V | Harp |
| F | Bass | O | Tuba | W | Electronic comp. |
| G | Flute | P | Euphonium | X | Hist inst - keyboard |
| H | Oboe | Q | Percussion | Y | Hist inst - strings |
| I | Clarinet | | | Z | Hist inst - winds |

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 Interpretation and Repertoire 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP619 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

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## NUSC Nutritional Science (Agriculture)

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NUSC450 Advanced Human Nutrition; Grade Method: REG/P-F/AUD; Prerequisite: NUTR 300 and BCHM 261 or concurrent registration in BCHM 462. 3 credits
0101 MF.....1:00pm- 1:50pm (JMZ 0220) Ahrens, R
M.....3:00pm- 6:00pm (MMH 3419) LAB
0102 MF.....1:00pm- 1:50pm (JMZ 0220) Ahrens, R
W.....11:00am- 2:00pm (MMH 3419) LAB
0103 MF.....1:00pm- 1:50pm (JMZ 0220) Ahrens, R
W.....3:00pm- 6:00pm (MMH 3419) LAB

NUSC604 Vitamin Nutrition; Grade Method: REG/AUD; 3 credits
0101 MW.....2:30pm- 4:00pm (JUL 1105) Soares Jr, J

NUSC645 Vitamin and Mineral Nutrition in Humans; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) STAFF

NUSC699 Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

NUSC699B Problems in Nutrition: Nutrient/Drug Interactions; Grade Method: REG/AUD; 1-4 credits
0601 TuTh.....9:30am-10:45am (ARM 0120) Enig, M

NUSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

NUSC898 Colloquium in Nutrition; Grade Method: REG/AUD; 1 credit
0100 Th.....3:30pm- 5:00pm (SYM 0200) Soares Jr, J

NUSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## NUTR Nutrition (Human Ecology)

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NUTR100 Elements of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....10:00am-10:50am (ARM 0126) Ahrens, R

NUTR200 Nutrition For Health Services; Grade Method: REG/P-F/AUD; Pre or corequisites: CHEM 104; ZOOL 201 or 202. 3 credits
0101 MF.....1:00pm- 1:50pm (MMH 1304) Prather, M
M.....2:00pm- 4:00pm (MMH 3209) LAB
0102 MF.....1:00pm- 1:50pm (MMH 1304) Prather, M
Tu.....2:00pm- 4:00pm (MMH 3209) LAB
0103 MF.....1:00pm- 1:50pm (MMH 1304) Prather, M
W.....2:00pm- 4:00pm (MMH 3209) LAB

NUTR335 History of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: A basic course in nutrition. 3 credits
0101 MWF.....10:00am-10:50am (MMH 1304) Williams, E

NUTR450 Advanced Human Nutrition; Grade Method: REG/P-F/AUD; Prerequisites: NUTR 300, BCHM 261 or concurrent registration in BCHM 462. Course offered spring semesters only. 3 credits
(PermReq)
0101 MF.....1:00pm- 1:50pm (JMZ 0220) Ahrens, R
M.....3:00pm- 6:00pm (MMH 3419) LAB
0102 MF.....1:00pm- 1:50pm (JMZ 0220) Ahrens, R
W.....11:00am- 2:00pm (MMH 3419) LAB
0103 MF.....1:00pm- 1:50pm (JMZ 0220) Ahrens, R
W.....3:00pm- 6:00pm (MMH 3419) LAB

NUTR468 Practicum in Nutrition; Grade Method: S-F; 1-3 credits
(PermReq)
0101 Time and room to be arranged Williams, E

NUTR475 Dynamics of Community Nutrition; Grade Method: REG/P-F/AUD; Prerequisite: NUTR 470 or consent of instructor; course taught spring semesters only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 3418) Taylor, M

NUTR490 Special Problems in Nutrition; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits
(PermReq)

NUTR498A Special Topics; Individual Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

NUTR498E Special Topics: Nutrition and Aging; Grade Method: REG/P-F/AUD; Prequisite: NUTR 100 or equivalent. 3 credits
0101 W.....6:00pm- 8:45pm (MMH 0108) Curtis, S

NUTR620 Nutrition For Community Services; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1304) Taylor, M

NUTR645 Vitamin and Mineral Nutrition in Humans; Grade Method: REG/AUD; Course taught spring semesters only. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) STAFF

NUTR660 Research Methods; Grade Method: REG/AUD; Prerequisite: statistics course. 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 3418) Prather, M

NUTR675 Advanced Clinical Dietetics; Grade Method: REG/AUD; Open only to Walter Reed Army Dietetic Interns. 3 credits
0101 Time and room to be arranged STAFF

NUTR678A Special Topics in Nutrition: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

NUTR678P Special Topics in Nutrition: Practicum in Nutrition; Grade Method: REG; 3 credits
(PermReq)
0101 Time and room to be arranged Williams, E

NUTR698 Seminar in Nutrition; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Ahrens, R

NUTR699 Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits
(PermReq)

NUTR789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

NUTR799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

NUTR888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged STAFF

NUTR899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

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## PCOM Public Communication (Arts and Humanities)

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PCOM701 Methodological Approaches to the Study of Public Communication Arts; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 M.....4:00pm- 6:45pm (TWS 0154) Aylward, T

PCOM702 Advanced Research Methods in Public Communications; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 9:00pm (TWS 2212) Fink, E

PCOM711 Historical-Critical Research in Public Communication I; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm-10:00pm (TWS 2212) Klump, J

PCOM888 Doctoral Practicum in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits
(PermReq)

PCOM889 Doctoral Tutorial in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits
(PermReq)

PCOM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

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## PERH Physical Education, Recreation, and Health (Phys Ed, Recr, & Health )

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PERH488 Children's Health and Development Clinic; Grade Method: REG/P-F/AUD; Check with instructor for opening date. 1 credit
0101 Sa.....8:30am-12:30pm (PRH 0103) Hahn, P

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## PHED Physical Education (Phys Ed, Recr, & Health )

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Physical education activities - men
(courses numbered 100 - 114) (also available - coed courses 130 - 177)

PHED100N Physical Education Activities: Men: Basketball (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/26-1/30. 1 credit
0001 Meets 01/26/87 - 03/13/87 STAFF
MW.....3:00pm- 5:00pm (PRH 2240) LAB

PHED1000 Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F; 2 credits
0001 MW.....8:00am-10:00am (ARM 1122) LAB STAFF
0002 MW.....10:00am-12:00pm (ARM 1122) LAB STAFF

PHED110N Physical Education Activities: Men: Wrestling (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....12:00pm- 2:00pm (COL B0101) LAB STAFF

Physical education activities - women
(courses numbered 115-127) (also available - coed courses 130-177)

PHED122N Physical Education Activities: Women: Swimming (Beginning); Grade Method: REG/P-F; 1 credit
0002 TuTh.....10:00am-11:15am (PKT 1112) LAB STAFF

PHED122T Physical Education Activities: Women: Swimming, Fitness (Beginning); Grade Method: REG/P-F; 1 credit
0001 MWF.....1:00pm- 1:50pm (PKT 1112) LAB STAFF
0002 TuTh.....3:00pm- 4:15pm (PKT 1112) LAB STAFF

Physical education activities - coed
(courses numbered 130 - 177)

PHED130N Physical Education Activities: Coed: Archery (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23-3/27. 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....8:00am-10:00am (PRH 2240) LAB
0002 Meets 03/23/87 - 05/14/87 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED131N Physical Education Activities: Coed: Backpacking; Grade Method: REG/P-F; 2 credits
0002 Tu.....2:00pm- 6:00pm (PRH 1101) LAB STAFF

PHED131V Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F; 2 credits
0001 MW.....9:00am-11:00am (PRH 0102) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0003 TuTh.....10:00am-12:00pm (PRH 2240) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (PRH 0102) LAB STAFF

PHED131Z Physical Education Activities: Coed: Softball; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23- 3/27. 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....12:00pm- 2:00pm (PRH 2240) LAB
0002 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....10:00am-12:00pm (PRH 0103) LAB
0003 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....12:00pm- 2:00pm (PRH 2240) LAB

PHED133N Physical Education Activities: Coed: Boating, Canoeing (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23 - 3/27. 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....2:00pm- 4:00pm (COL 1100) LAB

PHED134N Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.) 2 credits
0001 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0002 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF
0003 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0004 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0005 TuTh.....8:00am-10:00am (SSU B0100) LAB STAFF
0006 TuTh.....8:00am-10:00am (SSU B0100) LAB STAFF
0007 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0008 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0009 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0010 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

PHED134O Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.) 2 credits
0001 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0004 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0005 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

PHED134P Physical Education Activities: Coed: Bowling (Advanced); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $0.50 per session.) 2 credits
0001 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF

PHED135P Physical Education Activities: Coed: Dance, Social; Grade Method: REG/P-F; 1 credit
0001 TuTh.....12:00pm- 1:15pm (PRH 0110) LAB STAFF

PHED136N Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/26-1/30. 1 credit
0001 Meets 01/26/87 - 03/13/87 STAFF
MW.....1:00pm- 3:00pm (PRH 0107) LAB
0002 Meets 01/26/87 - 03/13/87 STAFF
TuTh.....10:00am-12:00pm (PRH 0107) LAB

PHED137N Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Meets in golf range classroom. Schedule Adjustment Period is 3/23 - 3/27. 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....8:00am-10:00am (GLF 1102) LAB
0002 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....10:00am-12:00pm (GLF 1102) LAB
0003 Meets 03/23/87 - 05/14/87 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0004 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB

PHED137O Physical Education Activities: Coed: Golf (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Meets in golf classroom. Schedule Adjustment Period is 3/23 - 3/27. 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB

PHED140N Physical Education Activities: Coed: Tumbling and Floor Exercise; Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/26-1/30. 1 credit
0001 Meets 01/26/87 - 03/13/87 STAFF
MW.....10:00am-12:00pm (PRH 1120) LAB

PHED140S Physical Education Activities: Coed: Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....12:00pm- 2:00pm (PRH 1120) LAB STAFF

PHED140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F; 2 credits
0001 TuTh.....10:00am-12:00pm (PRH 1120) LAB STAFF

PHED140Y Physical Education Activities: Coed: Gymnastics, Apparatus (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....10:00am-12:00pm (PRH 1120) LAB STAFF

PHED144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F; 2 credits
0001 TuTh.....8:00am-10:00am (PRH 0107) LAB STAFF
0002 TuTh.....10:00am-12:00pm (PRH 2240) LAB STAFF
0003 TuTh.....1:00pm- 3:00pm (PRH 0107) LAB STAFF

PHED144R Physical Education Activities: Coed: Martial Arts, Karate (Intermediate); Grade Method: REG/P-F; 2 credits
0001 MW.....10:00am-12:00pm (PRH 0107) LAB STAFF

PHED144T Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F; — 2 credits
0001 TuTh.....7:00pm- 9:00pm (PRH 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 0107) LAB STAFF

PHED145N Physical Education Activities: Coed: Mountain Climbing (Beginning); Grade Method: REG/P-F; — 2 credits
0001 Tu.....12:00pm- 4:00pm (COL 0104) LAB STAFF
0002 Tu.....2:00pm- 6:00pm (COL 0104) LAB STAFF
0003 M.....12:00pm- 4:00pm (COL 0104) LAB STAFF

PHED145O Physical Education Activities: Coed: Mountain Climbing (Intermediate); Grade Method: REG/P-F; — 2 credits
0001 M.....2:00pm- 6:00pm (COL 0104) LAB STAFF

PHED146N Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0222) LAB STAFF
0002 MWF.....11:00am-11:50am (PRH 0222) LAB STAFF
0003 MWF.....1:00pm- 1:50pm (PRH 0222) LAB STAFF
0004 TuTh.....8:00am- 9:15am (PRH 0222) LAB STAFF
0005 TuTh.....9:00am-10:15am (PRH 0222) LAB STAFF
0006 TuTh.....1:00pm- 2:15pm (PRH 0222) LAB STAFF
0007 TuTh.....2:00pm- 3:15pm (PRH 0222) LAB STAFF
0008 TuTh.....3:00pm- 4:15pm (PRH 0222) LAB STAFF
0009 MWF.....10:00am-10:50am (PRH 0222) LAB STAFF
0010 MWF.....9:00am- 9:50am (PRH 0222) LAB STAFF

PHED146O Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 MWF.....3:00pm- 3:50pm (PRH 0222) LAB STAFF
0002 TuTh.....10:00am-11:15am (PRH 0222) LAB STAFF
0003 TuTh.....11:00am-12:15pm (PRH 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0222) LAB STAFF

PHED147N Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F; Students must obtain departmental permission once classes begin. — 2 credits
0001 MWF.....8:00am- 8:50am (COL 0102) Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0102) Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....2:00pm- 3:15pm (COL 0102) Landers Jr., R
TuTh.....2:00pm- 3:15pm (COL 1206) LAB

PHED150N Physical Education Activities: Coed: Skating Ice (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 1/26-1/30. — 1 credit
0001 Meets 01/26/87 - 03/13/87 STAFF
MW.....9:00am-11:00am (COL 1100) LAB

PHED151N (PermReq) Physical Education Activities: Coed: Snow Skiing(Beginning); Grade Method: REG/P-F; Course meets January 19-23, 1986 at ski resort in Cortland, New York. Payment is required prior to registering. — 1 credit
0001 Meets 01/19/87 - 01/23/87 Owens, L
Time and room to be arranged LAB

PHED151O (PermReq) Physical Education Activities: Coed: Snow Skiing(Intermediate); Grade Method: REG/P-F; Course meets January 19-23, 1986 at ski resort in Cortland, New York. Payment is required prior to registering. — 1 credit
0001 Meets 01/19/87 - 01/23/87 Owens, L
Time and room to be arranged LAB

PHED151P (PermReq) Physical Education Activities: Coed: Snow Skiing (Advanced).; Grade Method: REG/P-F; Course meets January 19-23, 1987 at ski resort in Cortland, New York. Payment required prior to registering. — 1 credit
0001 Meets 01/19/87 - 01/23/87 Owens, L
Time and room to be arranged

PHED152N Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23-27. — 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....2:00pm- 4:00pm (COL 1100) LAB

PHED152O Physical Education Activities: Coed: Soccer (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23 - 3/27. — 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

PHED154N Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB STAFF
0002 TuTh.....9:00am-10:15am (COL 1206) LAB STAFF

PHED154O Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 MWF.....1:00pm- 1:50pm (COL 1206) LAB STAFF
0002 TuTh.....9:00am-10:15am (PKT 1112) LAB STAFF

PHED154P Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....1:00pm- 3:00pm (PKT 1112) LAB STAFF

PHED154U Physical Education Activities: Coed: Swimming, Fitness (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 TuTh.....12:00pm- 1:15pm (PKT 1112) LAB STAFF

PHED154W Physical Education Activities: Coed: Swimming Advanced Life Saving; Grade Method: REG/P-F; Advanced swimming ability is a prerequisite to this course. — 2 credits
0001 MW.....8:00am-10:00am (PKT 1112) LAB STAFF
0002 MW.....9:00am-11:00am (COL 1206) LAB STAFF

PHED154Y Physical Education Activities: Coed: Swimming, Water Safety Instruction; Grade Method: REG/P-F; Current advanced life saving is a prerequisite to this course. — 2 credits
0001 TuTh.....10:00am-12:00pm (COL 1206) LAB STAFF
0002 MW.....10:00am-12:00pm (PKT 1112) LAB STAFF

PHED154Z Physical Education Activities: Coed: Water Polo; Grade Method: REG/P-F; — 1 credit
0001 TuTh.....1:00pm- 2:15pm (COL 1206) LAB STAFF

PHED155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23 -27. — 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....8:00am-10:00am (COL 1100) LAB
0002 Meets 03/23/87 - 05/14/87 STAFF
MW.....10:00am-12:00pm (COL 1100) LAB
0003 Meets 03/23/87 - 05/14/87 STAFF
MW.....1:00pm- 3:00pm (COL 1100) LAB
0004 Meets 03/23/87 - 05/14/87 STAFF
MW.....1:00pm- 3:00pm (PRH 2240) LAB
0005 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....8:00am-10:00am (COL 1100) LAB
0006 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB
0008 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100) LAB
0010 Meets 03/23/87 - 05/14/87 STAFF
MW.....3:00pm- 5:00pm (PRH 2240) LAB

PHED155O Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23 -3/27. — 1 credit
0001 Meets 03/23/87 - 05/14/87 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 03/23/87 - 05/14/87 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB
0004 Meets 03/23/87 - 05/14/87 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0005 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2240) LAB
0006 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB
0007 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB

PHED155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23-3/27. — 1 credit
0002 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB
0003 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2240) LAB

PHED157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0103) LAB STAFF
0002 MWF.....9:00am- 9:50am (PRH 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (PRH 0103) LAB STAFF
0004 MWF.....11:00am-11:50am (PRH 0103) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (PRH 0103) LAB STAFF
0006 MWF.....4:00pm- 4:50pm (PRH 0103) LAB STAFF
0007 TuTh.....8:00am- 9:15am (PRH 0103) LAB STAFF
0008 TuTh.....9:00am-10:15am (PRH 0103) LAB STAFF
0009 TuTh.....10:00am-11:15am (PRH 0103) LAB STAFF
0010 TuTh.....11:00am-12:15pm (PRH 0103) LAB STAFF
0011 TuTh.....1:00pm- 2:15pm (PRH 0103) LAB STAFF
0012 TuTh.....2:00pm- 3:15pm (PRH 0103) LAB STAFF

PHED157O Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 MWF.....12:00pm-12:50pm (PRH 0103) LAB STAFF
0002 TuTh.....12:00pm- 1:15pm (PRH 0103) LAB STAFF
0003 TuTh.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0103) LAB STAFF

PHED160N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/26-1/30. — 1 credit
0001 Meets 01/26/87 - 03/13/87 STAFF
TuTh.....8:00am-10:00am (PRH 2101) LAB
0002 Meets 01/26/87 - 03/13/87 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB

PHED160O Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/26-1/30. — 1 credit
0001 Meets 01/26/87 - 03/13/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 01/26/87 - 03/13/87 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB

PHED160P Physical Education Activities: Coed: Advanced Volleyball; Grade Method: REG/P-F; — 2 credits
0001 MW.....3:00pm- 5:00pm (PRH 2101) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2101) LAB STAFF

PHED161N (PermReq) Physical Education Activities: Coed: Conditioning (Beg); Grade Method: REG/P-F; — 2 credits
0001 MW.....10:00am-12:00pm (COL 0108) LAB STAFF
0002 MW.....12:00pm- 2:00pm (COL 0108) LAB STAFF
0003 TuTh.....11:00am- 1:00pm (PRH 0102) LAB STAFF
0004 TuTh.....8:00am-10:00am (COL 0108) LAB STAFF
0006 TuTh.....12:00pm- 2:00pm (COL 0108) LAB STAFF
0007 TuTh.....1:00pm- 3:00pm (PRH 0110) LAB STAFF

PHED1610 Physical Education Activities: Coed: Conditioning - Intermediate; Grade Method: REG/P-F; — 2 credits
0001 MW.....1:00pm- 3:00pm (PRH 1120) LAB STAFF

PHED161Q Physical Education Activities: Coed: Conditioning - (Aerobic Dance); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....4:00pm- 6:00pm (PRH 0110) LAB STAFF
0002 TuTh.....10:00am-12:00pm (COL 0108) LAB STAFF
0003 MW.....3:00pm- 5:00pm (PRH 0102) LAB STAFF
0004 MW.....11:00am- 1:00pm (PRH 0110) LAB STAFF
0005 TuTh.....8:00am-10:00am (PRH 2101) LAB STAFF
0006 TuTh.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0007 TuTh.....7:00pm- 9:00pm (PRH 0102) LAB STAFF
0008 MW.....1:00pm- 3:00pm (PRH 0102) LAB STAFF
0009 TuTh.....9:00am-11:00am (PRH 0102) LAB STAFF
0010 TuTh.....10:00am-12:00pm (PRH 0110) LAB STAFF

PHED161S Physical Education Activities: Coed: Conditioning (Aerobic Dance Intermediate); Grade Method: REG/P-F; — 2 credits
0001 MW.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0002 MW.....11:00am- 1:00pm (PRH 0102) LAB STAFF
0003 TuTh.....3:00pm- 5:00pm (PRH 0102) LAB STAFF

PHED180 Foundations of Physical Education; Grade Method: REG; — 3 credits
0100 TuTh.....11:00am-12:15pm (PRH 1301) Owens, L

PHED183 Movement Content for Elementary School Children; Grade Method: REG; — 3 credits
0100 TuTh.....8:30am-10:00am (PRH 0110) STAFF

PHED200 Gymnastics Skills Laboratory; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....1:00pm- 3:00pm (PRH 1120) STAFF

PHED204 Basketball Skills Laboratory; Grade Method: REG/P-F; Students must obtain departmental permission once classes begin. Meets first eight weeks of term only. Schedule Adjustment Period is 1/26-1/30. — 1 credit
0101 Meets 01/26/87 - 03/13/87 Coates Jr., J
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED206 Golf Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23-3/27. — 1 credit
0100 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....1:00pm- 3:00pm (GLF 1102) LAB

PHED210 Field Games Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23-3/27. — 1 credit
0101 Meets 03/23/87 - 05/14/87 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED217 Tennis Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/23-3/27. — 1 credit
0100 Meets 03/23/87 - 05/14/87 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F; First class meeting - PRH 2351. — 1 credit
0100 Time and room to be arranged LAB STAFF

PHED221 Volleyball Skills Laboratory; Grade Method: REG/P-F; Meets first eight weeks of term only. Students must obtain departmental permission once classes begin. Schedule Adjustment Period is 1/26-1/30. — 1 credit
0100 Meets 01/26/87 - 03/13/87 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED222 Weight Training Skills Laboratory; Grade Method: REG/P-F; — 1 credit
0100 MWF.....1:00pm- 1:50pm (PRH 0101) LAB STAFF

PHED224 Aerobics Skills Laboratory; Grade Method: REG/P-F; — 1 credit
0100 MWF.....2:00pm- 2:50pm (PRH 0110) LAB STAFF

PHED250 Advanced Volleyball Skills Laboratory; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....3:00pm- 5:00pm (PRH 2101) Drum, B

PHED261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0305) STAFF
MWF.....9:00am- 9:50am (PRH 0305) LAB

PHED287 Sport and American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0100 TuTh.....9:30am-10:45am (PRH 1303) Vander Velden,
0200 TuTh.....11:00am-12:15pm (PRH 1303) Vander Velden,
0300 MWF.....11:00am-11:50am (PRH 1303) Ingram, A

PHED289 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHED293 History of Sport in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; For majors only. — 3 credits
0100 MWF.....10:00am-10:50am (PRH 1301) Hult, J

PHED293A History of Sport in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; For non-majors only. — 3 credits
0100 TuTh.....9:30am-10:45am (PRH 1312) Struna, N

PHED300 Kinesiology; Grade Method: REG/P-F/AUD; — 4 credits
0100 TuTh.....9:30am-12:30pm (PRH 1302) Kelley, D

PHED333 Physical Activity for the Handicapped; Grade Method: REG/P-F/AUD; — 3 credits
0100 TuTh.....9:00am-10:15am (PRH 1101) Dirocco, P

PHED335 Swimming Pool Management; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0100) LAB STAFF

PHED340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....9:00am- 9:50am (PRH 1301) Drum, B

PHED344 Theory of Coaching Swimming; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....11:00am-11:50am (COL 0104) Hoffman, C

PHED345 Theory of Coaching Track and Field; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (COL 0104) Costello, F

PHED350 The Psychology of Sports; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0100 W.....4:15pm- 6:45pm (PRH 1301) Steel, D
0200 TuTh.....8:00am- 9:15am (PRH 1312) Hatfield, B
0300 TuTh.....2:00pm- 3:15pm (PRH 1302) Brown, E

PHED360 Physiology of Exercise; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0100 TuTh.....10:00am-12:00pm (PRH 2132) Vaccaro, P
0200 TuTh.....1:00pm- 3:00pm (PRH 2132) Ryder, M

PHED361 Weight Control Through Diet and Exercise; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (COL 0100) STAFF
MWF.....9:00am- 9:50am (COL 0102) LAB

PHED362 Philosophy of Sport; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; For majors only. — 3 credits
0101 MWF.....8:00am- 8:50am (PRH 1302) Hult, J

PHED362A Philosophy of Sport; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; For non-majors only. — 3 credits
0101 MWF.....11:00am-11:50am (PRH 1302) Hult, J

PHED370 Motor Development; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1302) Clark, J

PHED381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD; — 3 credits
0100 MW.....8:00am- 8:50am (PRH 1101) Bush, J
F.....8:00am-10:00am (PRH 0117) LAB

PHED385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0100 TuTh.....2:00pm- 3:15pm (PRH 1303) Tyler, R

PHED389 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. — 1-3 credits

PHED389D Topical Investigations: Sports Medicine; Grade Method: REG/P-F; — 3 credits
0100 Th.....7:00pm- 9:30pm (PRH 2132) Hurley, B

PHED390 Practicum in Teaching Physical Education; Grade Method: REG/P-F/AUD; — 3 credits
0100 MW.....10:00am-12:00pm (PRH 0303) Arrighi, M

PHED402 Biomechanics of Sport; Grade Method: REG/P-F/AUD; — 3 credits
0100 TuTh.....9:30am-10:45am (PRH 0307) Pike, N

PHED406 Perceptual-Motor Development in the Young Child; Grade Method: REG/P-F/AUD; — 3 credits
0100 Tu.....4:15pm- 6:45pm (PRH 0305) Church, K

PHED451 Sport and the American Woman; Grade Method: REG/P-F/AUD; — 3 credits
0100 MWF.....12:00pm-12:50pm (PRH 1303) Ingram, A

PHED455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD; — 3 credits
0100 W.....4:15pm- 6:45pm (PRH 1302) Hatfield, B

PHED461 Exercise and Body Composition; Grade Method: REG/P-F/AUD; — 3 credits
0100 W.....4:15pm- 6:45pm (PRH 1303) Ryder, M

PHED480 Measurement in Physical Education; Grade Method: REG/P-F/AUD; — 3 credits
0100 TuTh.....1:00pm- 3:00pm (PRH 0302) Steel, D

PHED481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (PRH 2132) Phillips, S

PHED486 Politics and Economics of Organized Contemporary Sport; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0307) Vander Velden,

PHED489K Field Laboratory Projects and Workshop: Children's Play: A Medium for Learning; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1301) Church, K

PHED490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD; — 3 credits
0100 M.....7:00pm- 9:30pm (PRH 1312) Church, K

PHED496 Quantitative Methods; Grade Method: REG/P-F/AUD; — 3 credits
0100 M.....4:15pm- 6:45pm (PRH 1303) Dotson, C

PHED497 Independent Studies Seminar; Grade Method: REG/P-F/AUD; For majors only. — 3 credits
0101 MWF.....10:00am-10:50am (PRH 2132) Tyler, R

PHED498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F; — 3 credits
0101 Time and room to be arranged Wrenn, J

PHED498A (PermReq) Special Topics in Physical Education: Stress Testing and Adult Fitness; Grade Method: REG/P-F/AUD; Permission of instructor required to enroll. — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 2132) Vaccaro, P

PHED498L Special Topics in Physical Education: Legal Aspects of Sport; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....7:00pm- 9:30pm (PRH 1301) Carey, J

PHED498M Special Topics in Physical Education: Sport and World Society; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0303) Ingram, A

PHED498O Special Topics in Physical Education: From Christian Physiology to Science: A History of the Body and Physical Learning; Grade Method: REG/P-F; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0307) Struna, N

PHED640 Supervisory Techniques in Physical Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (PRH 0305) Young, J

PHED641 Analysis of Teaching Behavior in Physical Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0303) Arrighi, M

PHED670 Biomechanics Theory; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 2132) Pike, N

PHED681 Physical Performance and the Physically Impaired; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0301) Dirocco, P

PHED689 (PermReq) Special Problems in Physical Education; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHED689A Special Problems in Physical Education: Sports Management.; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0303) Zimmer, W

PHED689K Special Problems in Physical Education: Metabolic Aspects of Exercise Physiology; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (PRH 2132) Hurley, B

PHED689Y Special Problems in Physical Education: — 3 credits

Hormonal Aspects of Exercise Physiology; Grade Method: REG/AUD;
0101 Th.....4:15pm- 6:45pm (PRH 1303) Goldfarb, A

PHED691 Muscular Aspects of Exercise Physiology; 3 credits
Grade Method: REG/AUD;
0101 M.....7:00pm- 9:30pm (PRH 1302) Goldfarb, A

PHED764 Advanced Seminar: Research and Writing in American Sport History; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1302) Struna, N

PHED789A Advanced Seminar: Statistics; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:30pm (PRH 1303) Dotson, C

PHED789C Advanced Seminar: Psychology of Sport.; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0305) Steel, D

PHED789L Advanced Seminar: Electromyographic Kinesiology; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 2132) Kelley, D

PHED789M Advanced Seminar: Sports Medicine - Sports Injuries; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (PRH 0303) Lin, J

PHED798A (PermReq) Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG; Permission of instructor required. 1-8 credits
0101 Time and room to be arranged Wrenn, J

PHED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## PHIL Philosophy (Arts and Humanities)

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Philosophy Department Handbook

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are available in Room 1131 of the Skinner Building.

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MW.....10:00am-10:50am (SHM 2101) Sterelny, K
F.....9:00am- 9:50am (MTH B0429) DIS
0102 MW.....10:00am-10:50am (SHM 2101) Sterelny, K
F.....12:00pm-12:50pm (ARM 0119) DIS
0103 MW.....10:00am-10:50am (SHM 2101) Sterelny, K
F.....10:00am-10:50am (MMH 0108) DIS
0104 MW.....10:00am-10:50am (SHM 2101) Sterelny, K
F.....10:00am-10:50am (ARM 0105) DIS
0105 MW.....10:00am-10:50am (SHM 2101) Sterelny, K
F.....1:00pm- 1:50pm (COL 0104) DIS
0106 MW.....10:00am-10:50am (SHM 2101) Sterelny, K
Th.....10:00am-10:50am (JRN 1105) DIS
0201 MW.....11:00am-11:50am (ARM 0131) Cordero, A
F.....9:00am- 9:50am (ARM 0105) DIS
0202 MW.....11:00am-11:50am (ARM 0131) Cordero, A
F.....12:00pm-12:50pm (COL 0100) DIS
0203 MW.....11:00am-11:50am (ARM 0131) Cordero, A
F.....11:00am-11:50am (ARM 0105) DIS
0204 MW.....11:00am-11:50am (ARM 0131) Cordero, A
F.....11:00am-11:50am (ZOP 1234) DIS
0205 MW.....11:00am-11:50am (ARM 0131) Cordero, A
F.....1:00pm- 1:50pm (MMH 0108) DIS
0206 MW.....11:00am-11:50am (ARM 0131) Cordero, A
Th.....10:00am-10:50am (JMZ 1122) DIS

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:20pm (ARM 0112) Tolliver, J
M.....9:00am- 9:50am (ARM 0105) DIS
0102 TuTh.....12:30pm- 1:20pm (ARM 0112) Tolliver, J
M.....10:00am-10:50am (ARM 0105) DIS
0103 TuTh.....12:30pm- 1:20pm (ARM 0112) Tolliver, J
M.....12:00pm-12:50pm (HZF 1101) DIS
0201 MWF.....12:00pm-12:50pm (SKN 1113) Lossau, K

PHIL140H Contemporary Moral Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....3:30pm- 4:45pm (SKN 1106) STAFF

PHIL142 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (SKN 1106) Mackie, P

A note about PHIL 170, PHIL 173, PHIL 174, and PHIL 371: PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 371 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All four courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....1:00pm- 1:50pm (TLF 0124) Odell, S
M.....9:00am- 9:50am (MMH 0108) DIS
0102 MF.....1:00pm- 1:50pm (TLF 0124) Odell, S
M.....11:00am-11:50am (ARM 0105) DIS
0103 MF.....1:00pm- 1:50pm (TLF 0124) Odell, S
M.....12:00pm-12:50pm (ARM 0121) DIS
0201 MWF.....9:00am- 9:50am (SKN 1106) Maccallum, D

PHIL170H Introduction to Logic; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1136) Stairs, A

PHIL173 Logic and the English Language I; Grade Method: REG; 3 credits
0101 MWF.....9:00am- 9:50am (SKN 1113) Pasch, A

PHIL174 Logic and the English Language II; Grade Method: REG; Prerequisite: PHIL 173 or consent of instructor. 3 credits
0101 MWF.....12:00pm-12:50pm (SKN 1106) Pasch, A

PHIL209J Philosophical Issues: Faith and Authority in Judaism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2117) Manekin, C

PHIL233 Philosophy in Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1130) STAFF

PHIL243 Philosophy of Rural Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1106) Suppe, F

PHIL250 Philosophy of Science I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SKN 1113) Bub, J

PHIL271 Symbolic Logic I; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 1106) Svenonius, L

PHIL308C Studies in Contemporary Philosophy: Philosophy and Computers; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: A course in logic or computer science or completion of junior composition requirement. 3 credits
0101 MWF.....10:00am-10:50am (SKN 1113) Manukian, E

PHIL308R Studies in Contemporary Philosophy: Philosophy, Science, and Religion; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 1106) Stairs, A

PHIL308S Studies in Contemporary Philosophy: Ethical Issues in Social Science Research; Grade Method: REG; 3 credits
0101 W.....2:00pm- 4:45pm (WDS 1127) Sagoff, M

PHIL310 Ancient Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of knowledge requirement; Prerequisite: six hours in philosophy or classics. 3 credits
0101 MWF.....9:00am- 9:50am (WDS 1130) Mackie, P

PHIL320 Modern Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1113) Levinson, J

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (SKN 1106) Odell, S

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a GVPT course in political theory. 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 0101) Manukian, E

PHIL331 Philosophy of Art; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two courses in the Arts or one course in Philosophy. 3 credits
0101 TuTh.....11:00am-11:50am (TLF 0124) Levinson, J
M.....9:00am- 9:50am (SKN 0124) DIS
0102 TuTh.....11:00am-11:50am (TLF 0124) Levinson, J
M.....11:00am-11:50am (ARM 0119) DIS
0103 TuTh.....11:00am-11:50am (TLF 0124) Levinson, J
M.....1:00pm- 1:50pm (ARM 0119) DIS

PHIL332 Philosophy of Beauty; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....10:00am-10:50am (SKN 1106) Brown, J

PHIL342 Moral Problems in Medicine; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 W.....3:00pm- 5:30pm (SKN 1113) Beauchamp, T

PHIL386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL387. Consult Director of Undergraduate Studies; Pasch,A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Carries no credit toward philosophy major. 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 386. Consult Director of Undergraduate Studies; Pasch,A. 3 credits

PHIL408G Topics in Contemporary Philosophy: Proseminar in Cognitive Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....11:00am-12:50pm (MIL 1106) Hornstein, N
Time and room to be arranged DIS

PHIL408J Topics in Contemporary Philosophy: Ethics, Truth, and Media; Grade Method: REG; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1104) Lichtenberg, J

PHIL408P Topics in Contemporary Philosophy: Mental Content; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (SKN 1105) Peacocke, C

PHIL408S Topics in Contemporary Philosophy: Personal Identity; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 5:30pm (SKN 1106) STAFF

PHIL428L Topics in the History of Philosophy: Leibniz; Grade Method: REG; 3 credits
0101 MF.....2:00pm- 3:15pm (SKN 1105) Celarier, J

PHIL428M Topics in the History of Philosophy: Maimonides' Ethics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2117) Manekin, C

PHIL428N Topics in the History of Philosophy: Aristotle's Nicomachean Ethics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 1105) Mackie, P

PHIL428S Topics in the History of Philosophy. Spinoza; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2117) Manekin, C

PHIL441 History of Ethics: Hobbes to the Present; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SKN 1106) Johnson, C

PHIL447 Philosophy of Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1105) Johnson, C

PHIL451 Scientific Thought II; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MW.....2:00pm- 3:15pm (ASY 3221) Cordero, A

PHIL458Q Topics in the Philosophy of Science: Foundations of Quantum Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 1105) Bub, J

PHIL462 Theory of Knowledge; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1105) Tolliver, J

PHIL472 Philosophy of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....10:00am-10:50am (SKN 1105) Svenonius, L

PHIL498C (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL498D Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688D Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688F (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL788E (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL848 Seminar in Ethics: Practical Reason and Morality; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (SKN 1105) Slote, M

PHIL858 Seminar in Logic and Philosophy of Sciences: Seminar in Philosophy; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (SKN 1105) Suppe, F

PHIL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## PHYS Physics (Comp, Math, & Phys Sci)

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PHYS101 Contemporary Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 0405) Hornyak, W

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with PHYS 103, course may be counted as Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Brill, D

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD; Labs begin week of February 1. 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If taken with PHYS 107, course may be counted as lab science requirement. 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1412) Snow, G

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD; Pre or corequiste: PHYS 106. Labs begin February 1. 1 credit
0101 M.....3:00pm- 4:50pm (PHY 3214) LAB Snow, G
0201 Tu.....9:00am-10:50am (PHY 3214) LAB Snow, G
0301 Tu.....11:00am-12:50pm (PHY 3214) LAB Snow, G
0401 Tu.....1:00pm- 2:50pm (PHY 3214) LAB Snow, G
0501 W.....11:00am-12:50pm (PHY 3214) LAB Snow, G
0601 W.....3:00pm- 4:50pm (PHY 3214) LAB Snow, G
0701 Th.....3:00pm- 4:50pm (PHY 3214) LAB Snow, G
0801 W.....9:00am-10:50am (PHY 3214) LAB Snow, G

PHYS112 Physics in the Modern World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PHYS 111 or PHYS 400. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 4220) Falk, D

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Laboratories begin week of February 1. 4 credits
0101 MWF.....9:00am- 9:50am (PHY 1410) Goodman, J
Tu.....11:00am-12:50pm (PHY 3316) LAB
0102 MWF.....9:00am- 9:50am (PHY 1410) Goodman, J
W.....10:00am-11:50am (PHY 3316) LAB
0103 MWF.....9:00am- 9:50am (PHY 1410) Goodman, J
W.....3:00pm- 4:50pm (PHY 3316) LAB
0104 MWF.....9:00am- 9:50am (PHY 1410) Goodman, J
Tu.....1:00pm- 2:50pm (PHY 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 12,2. Laboratories and recitations begin week of February 1. 4 credits
0101 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
Th.....9:00am-10:50am (PHY 3306) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
Tu.....9:00am-10:50am (PHY 3306) LAB
Tu.....8:00am- 8:50am (PHY 0405) DIS
0103 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
Th.....2:00pm- 3:50pm (PHY 3306) LAB
Th.....1:00pm- 1:50pm (PHY 0405) DIS
0104 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
M.....1:00pm- 2:50pm (PHY 3306) LAB
M.....12:00pm-12:50pm (PHY 1402) DIS
0105 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
W.....12:00pm- 1:50pm (PHY 3306) LAB
W.....11:00am-11:50am (PHY 1402) DIS
0106 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
M.....9:00am-10:50am (PHY 3306) LAB
M.....8:00am- 8:50am (PHY 1402) DIS
0201 MWF.....1:00pm- 1:50pm (PHY 1410) Steinberg, P
W.....10:00am-11:50am (PHY 3306) LAB
W.....9:00am- 9:50am (PHY 0405) DIS
0202 MWF.....1:00pm- 1:50pm (PHY 1410) Steinberg, P
W.....3:00pm- 4:50pm (PHY 3306) LAB
W.....2:00pm- 2:50pm (PHY 1221) DIS
0203 MWF.....1:00pm- 1:50pm (PHY 1410) Steinberg, P
M.....3:00pm- 4:50pm (PHY 3306) LAB
M.....2:00pm- 2:50pm (PHY 1221) DIS
0204 MWF.....1:00pm- 1:50pm (PHY 1410) Steinberg, P
Tu.....3:00pm- 4:50pm (PHY 3306) LAB
Tu.....2:00pm- 2:50pm (PHY 1402) DIS
0205 MWF.....1:00pm- 1:50pm (PHY 1410) Steinberg, P
Tu.....1:00pm- 2:50pm (PHY 3306) LAB
Tu.....12:00pm-12:50pm (PHY 1402) DIS
0206 MWF.....1:00pm- 1:50pm (PHY 1410) Steinberg, P
Th.....12:00pm- 1:50pm (PHY 3306) LAB
Th.....11:00am-11:50am (PHY 4208) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 11,2. Laboratories and recitations begin week of February 1. 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Hamilton, D
M.....12:00pm- 1:50pm (PHY 3312) LAB
M.....11:00am-11:50am (PHY 1219) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Hamilton, D
W.....12:00pm- 1:50pm (PHY 3312) LAB
W.....11:00am-11:50am (HBK 1112) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Hamilton, D
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 0405) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Hamilton, D
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 0405) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Hamilton, D
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 1402) DIS
0106 MWF.....10:00am-10:50am (PHY 1410) Hamilton, D
Th.....10:00am-11:50am (PHY 3312) LAB
Th.....9:00am- 9:50am (PHY 4220) DIS
0201 TuTh.....12:30pm- 1:45pm (PHY 1410) Bhagat, S
Tu.....10:00am-11:50am (PHY 3312) LAB
Tu.....9:00am- 9:50am (PHY 4220) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1410) Bhagat, S
Th.....3:00pm- 4:50pm (PHY 3312) LAB
Th.....2:00pm- 2:50pm (PHY 4208) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1410) Bhagat, S
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 0405) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1410) Bhagat, S
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 0405) DIS
0205 TuTh.....12:30pm- 1:45pm (PHY 1410) Bhagat, S
Th.....8:00am- 9:50am (PHY 3312) LAB
Tu.....9:00am- 9:50am (EGR 1102) DIS
0301 MW.....7:00pm- 8:30pm (PHY 1412) Kniffen, D
Tu.....7:30pm- 9:30pm (PHY 3312) LAB
Tu.....6:30pm- 7:20pm (PHY 0405) DIS
0302 MW.....7:00pm- 8:30pm (PHY 1412) Kniffen, D
Th.....7:30pm- 9:30pm (PHY 3312) LAB
Th.....6:30pm- 7:20pm (PHY 0405) DIS
0303 MW.....7:00pm- 8:30pm (PHY 1412) Kniffen, D
Tu.....4:00pm- 6:00pm (PHY 3312) LAB
Tu.....3:00pm- 3:50pm (PHY 0405) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 2. Laboratories and recitations begin week of February 1. 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) Glover III, R
W.....11:00am-12:50pm (PHY 3314) LAB
W.....10:00am-10:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) Glover III, R

W.....1:00pm- 2:50pm (PHY 3314) LAB
W.....12:00pm-12:50pm (PHY 1402) DIS
0104 MWF.....3:00pm- 3:50pm (PHY 1410) Glover III, R
Th.....11:00am-12:50pm (PHY 3314) LAB
Th.....10:00am-10:50am (MTH B0427) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 10,12. Laboratories and recitations begin week of February 1. 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....1:00pm- 2:50pm (PHY 3310) LAB
M.....12:00pm-12:50pm (PHY 4220) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....3:00pm- 4:50pm (PHY 3310) LAB
M.....2:00pm- 2:50pm (PHY 4208) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....9:00am-10:50am (PHY 3310) LAB
Tu.....8:00am- 8:50am (PHY 4208) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....3:00pm- 4:50pm (PHY 3310) LAB
Tu.....2:00pm- 2:50pm (PHY 4208) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 11, 1, 2. Recitations begin week of February 1. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1412) Banerjee, M
Tu.....2:00pm- 2:50pm (PHY 0405) DIS
0102 TuTh.....12:30pm- 1:45pm (PHY 1412) Banerjee, M
W.....3:00pm- 3:50pm (PHY 0405) DIS
0103 TuTh.....12:30pm- 1:45pm (PHY 1412) Banerjee, M
Th.....11:00am-11:50am (PHY 0405) DIS
0104 TuTh.....12:30pm- 1:45pm (PHY 1412) Banerjee, M
W.....1:00pm- 1:50pm (PHY 1219) DIS
0105 TuTh.....12:30pm- 1:45pm (PHY 1412) Banerjee, M
Th.....3:00pm- 3:50pm (PHY 1221) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
M.....4:00pm- 4:50pm (PHY 1221) DIS
0202 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
Tu.....8:00am- 8:50am (PHY 1221) DIS
0203 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
Th.....8:00am- 8:50am (PHY 1221) DIS
0204 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
W.....9:00am- 9:50am (HBK 1112) DIS
0205 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
W.....2:00pm- 2:50pm (PHY 4220) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) Hassam, A
Tu.....11:00am-11:50am (PHY 4208) DIS
0302 MWF.....2:00pm- 2:50pm (PHY 1410) Hassam, A
Th.....2:00pm- 2:50pm (PHY 0405) DIS
0303 MWF.....2:00pm- 2:50pm (PHY 1410) Hassam, A
W.....8:00am- 8:50am (PHY 1219) DIS
0304 MWF.....2:00pm- 2:50pm (PHY 1410) Hassam, A
Th.....8:00am- 8:50am (PHY 1219) DIS
0305 MWF.....2:00pm- 2:50pm (PHY 1410) Hassam, A
F.....1:00pm- 1:50pm (PHY 1219) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Rapport, M
MW.....7:00pm- 9:00pm (PHY 1219) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Rapport, M
MW.....7:00pm- 9:00pm (PHY 1221) DIS
0403 MW.....7:00pm- 9:00pm (PHY 1410) Rapport, M
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS161H General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1412) Banerjee, M
Tu.....11:00am-11:50am (PHY 1221) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
Tu.....11:00am-11:50am (PHY 1221) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) Hassam, A
Tu.....11:00am-11:50am (PHY 1221) DIS

PHYS191 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; Corequisites: Math 140 and Phys 195. Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 195. 3 credits
0101 MTuThF....10:00am-10:50am (PHY 0405) Williams, E

PHYS192 Introductory Physics: Thermodynamics, Waves and Special Relativity; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 196. Co-requisite: PHYS 196. 3 credits
0101 MTuThF.....9:00am- 9:50am (PHY 0405) Alley, C

PHYS192H (PermReq) Introductory Physics: Thermodynamics, Waves and Special Relativity; Grade Method: REG/P-F/AUD; Corequisite: PHYS 196. Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 196. 3 credits
0201 MTuThF....11:00am-11:50am (PHY 1402) Redish, E

PHYS195 (PermReq) Introductory Physics Laboratory I; Grade Method: REG/P-F/AUD; Recitations meet alternate weeks. Corequisite: PHYS 191 or 191H. Lab begins week of February 1. Majors only. 1 credit
0101 M.....3:00pm- 5:50pm (PHY 3203) LAB Wilson, A
M.....3:00pm- 4:50pm (PHY 3203) DIS

PHYS196 (PermReq) Introductory Physics Laboratory II; Grade Method: REG/P-F/AUD; Recitations meet alternate weeks. Corequisite: PHYS 192. Labs begin first week of classes. Majors only. 1 credit
0201 W.....9:00am-11:50am (PHY 3203) LAB Mason, G
W.....9:00am-10:50am (PHY 3203) DIS
0301 W.....1:00pm- 3:50pm (PHY 3203) LAB Mason, G
W.....1:00pm- 2:50pm (PHY 3203) DIS
0401 Th.....2:00pm- 4:50pm (PHY 3203) LAB Glasser, R
Th.....2:00pm- 3:50pm (PHY 3203) DIS

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 262A. Physics Clinic, PHY 1214, MTWHF 11, 1. Recitations begin week of February 1. 4 credits
0101 TuTh.....8:00am- 9:15am (PHY 1412) McIlrath, T
M.....2:00pm- 2:50pm (PHY 1402) DIS
0102 TuTh.....8:00am- 9:15am (PHY 1412) McIlrath, T
Th.....2:00pm- 2:50pm (PHY 1402) DIS
0103 TuTh.....8:00am- 9:15am (PHY 1412) McIlrath, T
Tu.....10:00am-10:50am (EGR 0104) DIS
0104 TuTh.....8:00am- 9:15am (PHY 1412) McIlrath, T
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0105 TuTh.....8:00am- 9:15am (PHY 1412) McIlrath, T
F.....9:00am- 9:50am (PHY 1402) DIS
0201 MWF.....10:00am-10:50am (PHY 1412) Van Orden, J
Tu.....11:00am-11:50am (EGR 3110) DIS
0202 MWF.....10:00am-10:50am (PHY 1412) Van Orden, J
M.....1:00pm- 1:50pm (PHY 1221) DIS
0203 MWF.....10:00am-10:50am (PHY 1412) Van Orden, J
F.....11:00am-11:50am (MTH B0429) DIS
0204 MWF.....10:00am-10:50am (PHY 1412) Van Orden, J
M.....9:00am- 9:50am (PHY 1402) DIS
0205 MWF.....10:00am-10:50am (PHY 1412) Van Orden, J
Tu.....3:00pm- 3:50pm (PHY 1402) DIS
0301 TuTh.....9:30am-10:45am (PHY 1410) Greenberg, O
W.....3:00pm- 3:50pm (PHY 1402) DIS
0302 TuTh.....9:30am-10:45am (PHY 1410) Greenberg, O
Tu.....3:00pm- 3:50pm (PHY 4220) DIS
0303 TuTh.....9:30am-10:45am (PHY 1410) Greenberg, O
Th.....1:00pm- 1:50pm (PHY 4208) DIS
0304 TuTh.....9:30am-10:45am (PHY 1410) Greenberg, O
F.....12:00pm-12:50pm (PHY 4208) DIS
0305 TuTh.....9:30am-10:45am (PHY 1410) Greenberg, O
Th.....8:00am- 8:50am (PHY 4208) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI; Laboratory for PHYS 262. Labs begin week of February 1. No credit
0101 Th.....8:00am- 9:50am (PHY 3219) LAB Zorn, G
0102 M.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0103 M.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0104 M.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G
0105 M.....4:00pm- 5:50pm (PHY 3219) LAB Zorn, G
0106 Tu.....8:00am- 9:50am (PHY 3219) LAB Zorn, G
0107 Tu.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0108 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0109 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G
0110 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Zorn, G
0111 W.....8:00am- 9:50am (PHY 3219) LAB Zorn, G
0112 W.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0113 W.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0114 W.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G
0115 W.....4:00pm- 5:50pm (PHY 3219) LAB Zorn, G
0116 Th.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0117 Th.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0118 Th.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G

PHYS262H General Physics: Vibrations, Waves, Heat, 4 credits
(PermReq) Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 262A. Tutoring clinic - M. and Z. Slawsky - Arranged PHY 1214.
0101 TuTh.....8:00am- 9:15am (PHY 1412) STAFF
Th.....12:00pm-12:50pm (PHY 1402) LAB
0201 MWF.....10:00am-10:50am (PHY 1412) Van Orden, J
Th.....12:00pm-12:50pm (PHY 1402) LAB
0301 TuTh.....9:30am-10:45am (PHY 1410) Greenberg, O
Th.....12:00pm-12:50pm (PHY 1402) LAB

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 263A. Physics Clinic, PHY 1214, MTWHF 10, 12, 2. Recitations begin week of February 1. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Holmgren, H
Tu.....3:00pm- 3:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Holmgren, H
W.....2:00pm- 2:50pm (PHY 4208) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Holmgren, H
F.....12:00pm-12:50pm (PHY 1402) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Holmgren, H
W.....12:00pm-12:50pm (PHY 4220) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Holmgren, H
Th.....1:00pm- 1:50pm (PHY 1219) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Matthews, D
W.....3:00pm- 3:50pm (PHY 1221) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Matthews, D
F.....8:00am- 8:50am (PHY 1221) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Matthews, D
F.....12:00pm-12:50pm (PHY 4220) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Matthews, D
Th.....12:00pm-12:50pm (PHY 4220) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Matthews, D
W.....1:00pm- 1:50pm (PHY 4220) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Fivel, D
Tu.....8:00am- 8:50am (PHY 4220) DIS
0302 TuTh.....2:00pm- 3:15pm (PHY 1410) Fivel, D
M.....2:00pm- 2:50pm (EGR 1120) DIS
0303 TuTh.....2:00pm- 3:15pm (PHY 1410) Fivel, D
M.....9:00am- 9:50am (HBK 1112) DIS
0304 TuTh.....2:00pm- 3:15pm (PHY 1410) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1402) DIS
0305 TuTh.....2:00pm- 3:15pm (PHY 1410) Fivel, D
W.....12:00pm-12:50pm (PHY 4208) DIS
0401 MW.....7:00pm- 9:00pm (PHY 0405) Tylka, A
MW.....7:00pm- 9:00pm (PHY 4208) DIS
0402 MW.....7:00pm- 9:00pm (PHY 0405) Tylka, A
MW.....7:00pm- 9:00pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI; Laboratory for PHYS 263. Labs begin week of February 1. No credit
0101 Th.....8:00am- 9:50am (PHY 3220) LAB Zorn, G
0102 Th.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0103 M.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0104 M.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0105 M.....4:00pm- 5:50pm (PHY 3220) LAB Zorn, G
0106 Tu.....8:00am- 9:50am (PHY 3220) LAB Zorn, G
0107 Tu.....10:00am-11:50am (PHY 3220) LAB Zorn, G
0108 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0109 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0110 Tu.....4:00pm- 5:30pm (PHY 3220) LAB Zorn, G
0111 W.....8:00am- 9:50am (PHY 3220) LAB Zorn, G
0112 W.....10:00am-11:50am (PHY 3220) LAB Zorn, G
0113 W.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0114 W.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0115 W.....4:00pm- 5:50pm (PHY 3220) LAB Zorn, G
0116 Th.....10:00am-11:50am (PHY 3220) LAB Zorn, G
0117 Th.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0119 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Zorn, G
0120 Th.....7:00pm- 8:50pm (PHY 3220) LAB Zorn, G

PHYS263H (PermReq) General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 263A. Clinic - M and Z Slawsky, arranged - PHY 1214. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Holmgren, H
Tu.....1:00pm- 1:50pm (PHY 1218) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Matthews, D
Tu.....1:00pm- 1:50pm (PHY 1218) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1218) DIS

PHYS293 Introductory Physics. Electricity and Magnetism; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 295 or PHYS 295H. Co-requisite: PHYS 295 or 295H. 3 credits
0101 MW.....10:00am-10:50am (PHY 1219) Earl, J
F.....10:00am-11:50am (PHY 1219)

PHYS293H (PermReq) Introductory Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 295 or PHYS 295H. Corequisite: PHYS 295 or 295H. 3 credits
0101 MW.....10:00am-10:50am (PHY 1219) Earl, J
F.....10:00am-11:50am (PHY 1219)

PHYS294 Introductory Physics: Optics and Modern Physics; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 296 or PHYS 296H. Co-requisite: PHYS 296 or 296H and MATH 241 or 240. 3 credits
0101 MF.....10:00am-10:50am (PHY 1402) Kelly, J
W.....9:00am-10:50am (PHY 1402)

PHYS294H (PermReq) Introductory Physics: Optics and Modern Physics; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with PHYS 296 or PHYS 296H. Co-requisite: PHYS 296 or 296H, and MATH 241 or 240. 3 credits
0101 MF.....10:00am-10:50am (PHY 1402) Kelly, J
W.....9:00am-10:50am (PHY 1402)

PHYS295 (PermReq) Introductory Laboratory in Electricity and Magnetism; Grade Method: REG/P-F/AUD; Co-requisite: PHYS 293 or 293H. Labs begin first week of classes. 2 credits
0101 W.....2:00pm- 5:50pm (PHY 3211) LAB Paik, H
0102 Th.....1:00pm- 4:50pm (PHY 3211) LAB Paik, H

PHYS295H (PermReq) Introductory Laboratory in Electricity and Magnetism; Grade Method: REG/P-F/AUD; Co-requisite: PHYS 293 or 293H. Labs begin first week of classes. 2 credits
0101 W.....2:00pm- 5:50pm (PHY 3211) LAB Paik, H
0102 Th.....1:00pm- 4:50pm (PHY 3211) LAB Paik, H

PHYS296 (PermReq) Introductory Laboratory in Electromagnetic Waves; Grade Method: REG/P-F/AUD; Co-requisite: PHYS 294 or 294H. Labs begin first week of classes. 2 credits
0101 M.....1:00pm- 4:50pm (PHY 3104) LAB Boyd, D
0102 Tu.....12:00pm- 3:50pm (PHY 3104) LAB Glasser, R

PHYS296H (PermReq) Introductory Laboratory in Electromagnetic Waves; Grade Method: REG/P-F/AUD; Corequisite: PHYS 294 or 294H. Labs begin first week of classes. 2 credits
0101 M.....1:00pm- 4:50pm (PHY 3104) LAB Boyd, D
0102 Tu.....12:00pm- 3:50pm (PHY 3104) LAB Glasser, R

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....2:00pm- 4:50pm (PHY 0125) LAB Scesa, B

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS395 (PermReq) Advanced Experiments; Grade Method: REG/P-F/AUD; Additional required lab time to be arranged. Labs begin first week of classes. 3 credits
0101 W.....12:00pm- 3:50pm (PHY 3210) LAB Chang, C

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS398A (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....4:00pm- 5:00pm (PHY 1126) Gloeckler, G

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHYS401 Basic Concepts of Physics II; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 400. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 4220) Falk, D

PHYS405 Intermediate Theoretical Electricity and Magnetism; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (PHY 0405) STAFF

PHYS406 Optics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 1221) Hill III, W

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....9:00am-10:50am (PHY 4208) Prange, R

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1402) Ferrell, R

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (PHY 4208) Kacser, C

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 1410) Wilson, J

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1219) Einstein, T

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (PHY 4208) Korenman, V

PHYS429 (PermReq) Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD; Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3333) LAB Drew, H
0102 Th.....12:00pm- 5:00pm (PHY 3333) LAB Gloeckler, G

PHYS451 Introduction to Elementary Particles; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 1221) Talaga, R.

PHYS485 (PermReq) Electronic Circuits; Grade Method: REG/P-F/AUD; Lab begins first week of classes. 4 credits
0101 M.....2:00pm- 3:50pm (PHY 4220) Coplan, M
W.....1:00pm- 4:50pm (PHY 3120) LAB

PHYS490 History of Modern Physics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (HBK 0117) Brush, S

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Brill, D

PHYS499J Special Problems in Physics: Computer Solutions to Real World Physics Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (PHY 1221) Macdonald, W

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1402) Misner, C

PHYS603 Methods of Statistical Physics; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PHY 4208) Fivel, D

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MWF.....10:00am-10:50am (PHY 4208) Griffin, J

PHYS606 Electrodynamics; Grade Method: REG/AUD; Advanced special students require department authorization. 4 credits
0101 TuTh.....10:00am-11:45am (PHY 4220) Gluckstern, R

PHYS621 Graduate Laboratory; Grade Method: REG/AUD; All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Advanced special students require department authorization. 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3333) LAB Drew, H
0102 Th.....12:00pm- 5:00pm (PHY 3333) LAB Gloeckler, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD; Advanced special students require department authorization. 4 credits
0101 MF.....12:00pm-12:50pm (PHY 1219) Wang, C
W.....11:00am-12:50pm (PHY 1219)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MWF.....10:00am-10:50am (PHY 4220) Skard, J

PHYS625 Non-relativistic Quantum Mechanics; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MWF.....11:00am-11:50am (PHY 4220) Wallace, S

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 Tu.....12:00pm-12:50pm (IPT 1115) Sengers, J

PHYS711 Symmetry Problems in Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1218) Siegel, W

PHYS718 Seminar in General Physics: Atomic Physics and Quantum Electronics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 F.....1:30pm- 2:50pm (PHY 1218) Alley, C

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD; Advanced special students require departmnt authorization. 1 credit
0101 W.....4:00pm- 4:50pm (PHY 1402) Gluckstern, R

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 4220) Anderson, J

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 4220) Anderson, J

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 M.....3:00pm- 4:30pm (PHY 1218) Roos, P

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4220) Van Orden, J

PHYS752 Elementary Particle Physics II: Theory; 3 credits

Grade Method: REG/AUD; Advanced special students require department authorization.
0101 TuTh.....1:00pm- 2:15pm (PHY 4220) Oneda, S

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
0101 W.....4:00pm- 4:50pm (PHY 1218) Yodh, G

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
0101 M.....3:30pm- 4:50pm (PHY 4102) Mohapatra, R

PHYS762 Plasma Physics II; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1221) Antonsen Jr., T

PHYS769 Seminar in Plasma Physics: Plasma Radiation; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
0101 M.....1:30pm- 2:20pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
0101 M.....4:30pm- 5:45pm (CSS 1113) Yodh, G

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
0101 M.....1:30pm- 2:50pm (PHY 1218) Hu, B

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS798A (PermReq) Special Problems in Advanced Physics: Introduction to Applied Physics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1219) Anderson, J

PHYS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS832 Theory of Solids I; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1219) Glick, A

PHYS838A Special Topics in Experimental Solid State Physics: Methods of Surface Physics; Grade Method: REG/AUD; — 2 credits
0101 F.....4:00pm- 6:00pm (PHY 1218) Park, R

PHYS838B Special Topics in Experimental Solid State Physics: X-ray and Neutron Diffraction; Grade Method: REG/AUD; — 3 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1219) Lynn, J

PHYS839B Special Topics in Theoretical Solid State Physics: Statistics Physics in Low-Dimensional Systems; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (PHY 1221) Das Sarma, S

PHYS851 Advanced Quantum Field Theory; Grade Method: REG/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Gates Jr., S

PHYS858 Special Topics in Elementary Particles and Quantum Field Theory: Unification, Supersymmetry and Superstrings; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1219) Mohapatra, R

PHYS864 Nonlinear Effects and Radiation Processes in High-temperature Plasmas; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (PHY 1221) Ott, E

PHYS888 Special Topics in Applied Physics: Instrumental Techniques for Experimental Physics Research; Grade Method: REG/AUD; Advanced special students require department authorization. — 2 credits
0101 TuTh.....12:00pm-12:50pm (PHY 1221) Giganti, J

PHYS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU4-5.30 in PHY 1410 & PHY 1412. Physics Journal Club meets Th4-5.30 in PHY 1410.

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## PORT Portuguese (Arts and Humanities)

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PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MTuWF.....12:00pm-12:50pm (JMZ 1120) STAFF

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MTuWF.....1:00pm- 1:50pm (JMZ 1120) STAFF

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly PORT 104. — 4 credits
0101 MTuWF.....11:00am-11:50am (JMZ 1211) STAFF

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1211) Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2215F) Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1124) Igel, R

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## PSYC Psychology (Behavior + Social Sci)

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PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections do not meet until after first lecture. — 3 credits

| | | | |
|---|---|---|---|
| 0110 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | W.....12:00pm-12:50pm (ZOP 1228) | DIS | |
| 0111 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | W.....1:00pm- 1:50pm (ZOP 1228) | DIS | |
| 0112 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | W.....2:00pm- 2:50pm (ZOP 1228) | DIS | |
| 0113 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | W.....3:00pm- 3:50pm (ZOP 1228) | DIS | |
| 0114 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....9:00am- 9:50am (ZOP 1228) | DIS | |
| 0115 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....10:00am-10:50am (ZOP 1228) | DIS | |
| 0116 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....11:00am-11:50am (ZOP 1228) | DIS | |
| 0117 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....12:00pm-12:50pm (ZOP 1228) | DIS | |
| 0118 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....1:00pm- 1:50pm (ZOP 1228) | DIS | |
| 0119 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....2:00pm- 2:50pm (ZOP 1228) | DIS | |
| 0120 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | Th.....3:00pm- 3:50pm (ZOP 1228) | DIS | |
| 0121 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | F.....9:00am- 9:50am (ZOP 1228) | DIS | |
| 0122 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | F.....10:00am-10:50am (ZOP 1228) | DIS | |
| 0123 | MW.....11:00am-11:50am (ZOP 1240) | | Smith, B |
| | F.....11:00am-11:50am (ZOP 1228) | DIS | |
| 0220 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | Tu.....1:00pm- 1:50pm (ZOP 1232) | DIS | |
| 0221 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | Tu.....2:00pm- 2:50pm (ZOP 1232) | DIS | |
| 0222 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | Tu.....3:00pm- 3:50pm (ZOP 1232) | DIS | |
| 0223 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....9:00am- 9:50am (ZOP 1232) | DIS | |
| 0224 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....10:00am-10:50am (ZOP 1232) | DIS | |
| 0225 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....11:00am-11:50am (ZOP 1232) | DIS | |
| 0226 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....12:00pm-12:50pm (ZOP 1232) | DIS | |
| 0227 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....1:00pm- 1:50pm (ZOP 1232) | DIS | |
| 0228 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....2:00pm- 2:50pm (ZOP 1232) | DIS | |
| 0229 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | W.....3:00pm- 3:50pm (ZOP 1232) | DIS | |
| 0230 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | Th.....1:00pm- 1:50pm (ZOP 1232) | DIS | |
| 0231 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | Th.....2:00pm- 2:50pm (ZOP 1232) | DIS | |
| 0232 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | Th.....3:00pm- 3:50pm (ZOP 1232) | DIS | |
| 0233 | TuTh.....12:00pm-12:50pm (ZOP 1240) | | Martin, J |
| | F.....9:00am- 9:50am (ZOP 1232) | DIS | |
| 0330 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Tu.....2:00pm- 2:50pm (ZOP 1234) | DIS | |
| 0331 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Tu.....3:00pm- 3:50pm (ZOP 1234) | DIS | |
| 0332 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....9:00am- 9:50am (ZOP 1234) | DIS | |
| 0333 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....10:00am-10:50am (ZOP 1234) | DIS | |
| 0334 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....11:00am-11:50am (ZOP 1234) | DIS | |
| 0335 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....12:00pm-12:50pm (ZOP 1234) | DIS | |
| 0336 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....1:00pm- 1:50pm (ZOP 1234) | DIS | |
| 0337 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....2:00pm- 2:50pm (ZOP 1234) | DIS | |
| 0338 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | W.....3:00pm- 3:50pm (ZOP 1234) | DIS | |
| 0339 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Th.....9:00am- 9:50am (ZOP 1234) | DIS | |
| 0340 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Th.....10:00am-10:50am (ZOP 1234) | DIS | |
| 0341 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Th.....11:00am-11:50am (ZOP 1234) | DIS | |
| 0342 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Th.....12:00pm-12:50pm (ZOP 1234) | DIS | |
| 0343 | TuTh.....1:00pm- 1:50pm (ZOP 1240) | | Locke, E |
| | Th.....2:00pm- 2:50pm (ZOP 1234) | DIS | |

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Permission may be obtained in the General Honors office (0110 Hornbake) or in ZOP 1141. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1238) Larkin, W

PSYC200 Statistical Methods in Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and MATH 111 or 140 or 220 . — 3 credits

| | | |
|---|---|---|
| 0101 | MWF.....9:00am- 9:50am (ZOP 1236) | Anderson, N |
| 0201 | MWF.....11:00am-11:50am (ZOP 1238) | Diehl, V |
| 0301 | MWF.....1:00pm- 1:50pm (ZOP 1236) | Mansbach, W |
| 0401 | TuTh.....9:30am-10:45am (ZOP 1238) | Hall, R |
| 0501 | TuTh.....2:00pm- 3:15pm (ZOP 1238) | Martin, J |
| 0601 | TuTh.....3:30pm- 4:45pm (ZOP 1238) | Norman, K |

PSYC201H (PermReq) Intermediate Psychology (Honors); Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100H or consent of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1124) Hodos, W

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100 — 3 credits

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|---|---|---|---|
| 0110 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | W.....2:00pm- 2:50pm (ZOP 2283) | DIS | |
| 0111 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | W.....3:00pm- 3:50pm (ZOP 2283) | DIS | |
| 0112 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | W.....4:00pm- 4:50pm (ZOP 2283) | DIS | |
| 0113 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | Th.....2:00pm- 2:50pm (ZOP 2283) | DIS | |
| 0114 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | Th.....3:00pm- 3:50pm (ZOP 1234) | DIS | |
| 0115 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | Th.....4:00pm- 4:50pm (ZOP 1124) | DIS | |
| 0116 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | F.....11:00am-11:50am (ZOP 2283) | DIS | |
| 0117 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | F.....12:00pm-12:50pm (ZOP 2283) | DIS | |
| 0118 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | F.....1:00pm- 1:50pm (ZOP 1232) | DIS | |
| 0119 | MW.....1:00pm- 1:50pm (ZOP 1240) | | Moriarty, B |
| | F.....2:00pm- 2:50pm (ZOP 1232) | DIS | |

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PSYC 100 — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1250) Brauth, S

PSYC309C Special Topics in Psychology: Psychology of Interpersonal Relations; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1238) Brown, R

PSYC309E Special Topics in Psychology: Counseling Theories and Skills; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 MW.....2:00pm- 4:00pm (ZOP 1236) Hill, C

PSYC309G Special Topics in Psychology: Cross-Cultural Psychology; Grade Method: REG/P-F/AUD; Prerequisiste: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 2283) Tyler, F

PSYC310 Perception; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) Steinman, R

PSYC331 Introduction to Abnormal Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 431 cannot also earn credit for PSYC 331. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1240) Gelso, C

PSYC336 Psychology of Women; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) Helms, J

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 433 or 333 cannot also earn credit for PSYC 355. Prerequisite: PSYC 100. — 3 credits

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|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (ZOP 1243) | Plude, D |
| 0201 | TuTh.....2:00pm- 3:15pm (ZOP 1250) | Hall, W |

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD; Students who have earned credit for PSYC 461 cannot also earn credit for PSYC 361. Prerequisite: PSYC 100. — 3 credits

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|---|---|---|
| 0101 | TuTh.....11:00am-12:15pm (ZOP 1250) | Marcus, A |
| 0201 | TuTh.....2:00pm- 3:15pm (ZOP 1243) | Klein, K |

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and 200. Permission may be obtained in ZOP 1141. — 4 credits

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|---|---|---|
| 0101 | MW.....10:00am-10:50am (ZOP 1243) | Gollub, L |
| 0102 | MTuThF.....9:00am- 9:50am (ZOP 4102) LAB<br>MW.....10:00am-10:50am (ZOP 1243) | Gollub, L |
| 0103 | MTuThF.....11:00am-11:50am (ZOP 4102) LAB<br>MW.....10:00am-10:50am (ZOP 1243) | Gollub, L |
| 0104 | MTuThF.....12:00pm-12:50pm (ZOP 4102) LAB<br>MW.....10:00am-10:50am (ZOP 1243) | Gollub, L |
| 0105 | MTuThF.....1:00pm- 1:50pm (ZOP 4102) LAB<br>MW.....10:00am-10:50am (ZOP 1243) | Gollub, L |
| 0106 | MTuThF.....2:00pm- 2:50pm (ZOP 4102) LAB<br>MW.....10:00am-10:50am (ZOP 1243) | Gollub, L |
| | MTuThF.....3:00pm- 3:50pm (ZOP 4102) LAB | |

PSYC404 Introduction to Behavioral Pharmacology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 206 or 301 or 400 or a course in zoology. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1124) Gollub, L

PSYC405 Applied Behavior Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (ZOP 2283) McIntire, R

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 140 or 111 and 220. A student who has completed PSYC 310 must have permission of the instructor to register for PSYC 410 . All others must obtain permission in ZOP 1141. — 4 credits

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|---|---|---|
| 0101 | TuTh.....9:30am-10:45am (ZOP 2283) | Sternheim, C |
| | Th.....1:00pm- 3:00pm (ZOP 0124) LAB | |
| 0102 | TuTh.....9:30am-10:45am (ZOP 2283) | Sternheim, C |
| | F.....10:00am-12:00pm (ZOP 0124) LAB | |

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 and 221. Permission may be obtained in ZOP 1141. — 4 credits

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|---|---|---|
| 0101 | M.....2:00pm- 4:00pm (ZOP 2283) | Sigall, H |
| | TuTh.....12:00pm- 2:00pm (ZOP 0147) LAB | |
| 0102 | M.....2:00pm- 4:00pm (ZOP 2283) | Sigall, H |
| | TuTh.....2:00pm- 4:00pm (ZOP 0147) LAB | |
| 0103 | M.....2:00pm- 4:00pm (ZOP 2283) | Sigall, H |
| | WF.....12:00pm- 2:00pm (ZOP 0147) LAB | |
| 0104 | M.....2:00pm- 4:00pm (ZOP 2283) | Sigall, H |
| | WF.....2:00pm- 4:00pm (ZOP 0147) LAB | |

PSYC424 Communication and Persuasion; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 221 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) Mills Jr, J

PSYC431 Abnormal Psychology; Grade Method: REG/P-F/AUD; A student may not receive credit for both PSYC 331 and 431. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1250) Dies, R

PSYC435 Personality; Grade Method: REG/P-F/AUD; A student may not receive credit for both PSYC 335 and 435. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1236) Tyler, F

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. Permission may be obtained in ZOP 1141. — 4 credits

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|---|---|---|
| 0101 | MW.....11:00am-11:50am (ZOP 2283) | Johnson, J |
| | M.....1:00pm- 5:00pm (ZOP 0124) LAB | |
| 0102 | MW.....11:00am-11:50am (ZOP 2283) | Johnson, J |
| | Tu.....1:00pm- 5:00pm (ZOP 0124) LAB | |

PSYC442 Psychology of Language; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100, 200 and either 341 or 440 or consent of the instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2109) Hall, W

PSYC458 Applied Developmental Psychology: Applied Developmental Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and either 355, 356 or 357. Repeatable to maximum of 6 credits. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) Torney-Purta, J

PSYC460 Psychological Foundations of Personnel Selection and Training; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1236) Hanges, P

PSYC464 Psychology of Leaders in Work Organizations; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 361 or equivalent. — 3 credits
0101 Tu.....4:00pm- 7:00pm (ZOP 1236) Schneider, B

PSYC465 Psychology of Organizational Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 361 or equivalent. — 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 2283) Crandell, S

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1141. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1141. — 1-3 credits

PSYC498H (PermReq) Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD; To register, student must have cum credit of 56 credits and minimum G.P.A of 3.3. Permission may be obtained in ZOP 1141. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1112) Trickett, E

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Permission of the thesis advisor. Permission may be obtained in ZOP 1141. — 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above.

PSYC602 Quantitative Methods; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) Norman, K

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 Tu.....12:30pm- 3:30pm (ZOP 1105) Scholnick, E
Time and room to be arranged LAB

PSYC660 Human Biopsychology; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1124) Campbell, C
Time and room to be arranged DIS

PSYC671 Advanced Topics in Human Learning; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 M.....3:00pm- 6:00pm (ZOP 1105) Anderson, N

PSYC679 Seminar in Cognitive Development; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 F.....9:00am-12:00pm (ZOP 1105) Plude, D

PSYC704 Test Theory; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1105) Hanges, P

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 1105) Helms, J
Time and room to be arranged DIS
0201 Time and room to be arranged Lorion, R

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 Time and room to be arranged Allen, L

PSYC721 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; — 2 credits
0101 Tu.....9:00am-11:00am (ZOP 1234) Fretz, B

PSYC722 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; PSYC majors only. — 2 credits
0101 Th.....9:00am-10:00am (Arranged) Fretz, B
Time and room to be arranged DIS

PSYC723 Seminar and Laboratory in Behavioral Assessment II; Grade Method: REG/AUD; (This course must be taken concurrently with PSYC 724.) PSYC majors only. — 2 credits
0101 Tu.....2:00pm- 4:00pm (ZOP 1124) Steele, R
Time and room to be arranged DIS

PSYC724 Seminar and Laboratory in Behavioral — 2 credits

Assessment II; Grade Method: REG/AUD; This course must be taken concurrently with PSYC 723. PSYC majors only.
0101 Th.....2:00pm- 4:00pm (ZOP 1124) Steele, R
Time and room to be arranged DIS

PSYC727 Introductory Counseling Practicum; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 3:00pm (ZOP 1112) Zamostny, K
Time and room to be arranged DIS

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 Time and room to be arranged Brown, R
0201 Time and room to be arranged Dies, R
0301 Time and room to be arranged Trickett, E

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 M.....5:00pm- 9:00pm (ZOP 2109) Hill, C
Time and room to be arranged LAB
0201 Tu.....9:30am-12:00pm (ZOP 1105) Gelso, C

PSYC731 Training Procedures and Evaluation in Organizational Settings; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 2109) Goldstein, I

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD; 3 credits
0101 M.....9:30am-12:00pm (ZOP 1105) Schneider, B

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD; PSYC majors only. 1-3 credits
0101 M.....4:00pm- 6:30pm (ZOP 3132) Mills Jr, J

PSYC753 The Psychology of Adult Development and Aging; Grade Method: REG/AUD; 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1238) Johnson, J

PSYC759 Seminar in Auditory Mechanisms; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (ZOP 1112) Penner, M

PSYC763 Advanced Psychophysiology; Grade Method: REG/AUD; 3 credits
0101 M.....3:00pm- 5:30pm (ZOP 1124) Brauth, S

PSYC789 Special Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

PSYC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. 1-6 credits

PSYC888 Research Methods in Psychology; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Scholnick, E

PSYC889 Research Methods in Psychology; Grade Method: REG/AUD; PSYC majors only. 1-3 credits
0201 Time and room to be arranged Klein, K
0301 W.....3:00pm- 5:00pm (ZOP 1112) Anderson, N
Time and room to be arranged

PSYC898 (PermReq) Graduate Seminar; Grade Method: REG/AUD; 2 credits
0101 W.....3:00pm- 5:30pm (ZOP 4105) McIntire, R

PSYC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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PUAF Public Affairs (Public Affairs)

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PUAF600 Introduction to Financial Management; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1124) Wardlow, P

PUAF611 Quantitative Analysis of Policy Issues; Grade Method: REG/AUD; 3 credits
0101 MW.....10:30am-11:45am (LEF 1208) Ards, S

PUAF620 Political Analysis; Grade Method: REG/AUD; 3 credits
0201 W.....4:00pm- 6:30pm (LEF 1208) Schick, A

PUAF640 Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD; 3 credits
0201 M.....4:00pm- 6:30pm (LEF 1221) Houseman, S

PUAF650 Normative Analysis; Grade Method: REG/AUD; 3 credits
0101 MW.....9:00am-10:15am (LEF 1208) Brown, P

PUAF670 Public Sector Financial Management; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1208) Slater, S

PUAF698E Selected Topics in Public Affairs: Managing Alliance Relations II; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1210) Weinberg, Y

PUAF698F Selected Topics in Public Affairs: Advanced Financial Management II; Grade Method: REG; 3 credits
0101 Th.....4:00pm- 6:30pm (TLF 0102) Schick, A

PUAF698G Selected Topics in Public Affairs: Comparitive Study in European Politics; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (TYD 1128) Kelleher, C

PUAF6980 Selected Topics in Public Affairs: Operations Reseach Techniques in Public Policy; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:15pm (LEF 1222) Cohen, M

PUAF702 Public Policies Toward Business: Choice of Strategies; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (LEF 2208) STAFF

PUAF721 Security Policy Agenda II; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 1208) Harbour, F

PUAF724 Defense Policy Analysis: Quantitative Techniques; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:30pm- 4:00pm (MTH 0411) Greenwood, T

PUAF750 Topics in Normative Analysis; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1208) Brown, P

PUAF752 Tactics and Principles of Negotiation; Grade Method: REG/AUD; 3 credits
0101 Th.....1:30pm- 4:00pm (MTH 0411) STAFF

PUAF790 Project Course; Grade Method: REG/AUD; 3 credits
0101 F.....9:00am-11:30am (LEF 2123) Houseman, S
W.....10:00am-12:00pm (LEF 1210) LAB
0201 F.....9:00am-11:30am (LEF 1210) Kelleher, C
Time and room to be arranged LAB
0301 F.....9:00am-11:30am (LEF 2125) Slater, S
Time and room to be arranged LAB
0401 F.....9:00am-11:30am (LEF 1208) Kelleher, C

PUAF798B Readings in Public Policy; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged STAFF
0301 Time and room to be arranged Nacht, M
0401 Time and room to be arranged Slater, S
0501 Time and room to be arranged STAFF
0601 Time and room to be arranged Kelleher, C
0701 Time and room to be arranged Harbour, F
0801 Time and room to be arranged Houseman, S
0901 Time and room to be arranged Cohen, M
0911 Time and room to be arranged Schick, A
0921 Time and room to be arranged STAFF
0931 Time and room to be arranged Brown, P
0941 Time and room to be arranged STAFF
0951 Time and room to be arranged Harter, P

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RECR Recreation (Phys Ed, Recr, & Health )

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RECR130 Recreation and Leisure; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; All recreation majors enrolled in RECR 130 MUST enroll for RECR 489R at the same time.
0101 MWF.....10:00am-10:50am (PRH 1312) Iso-Ahola, S

RECR150 Camp Counseling; Grade Method: REG/P-F/AUD; 2 credits
0101 Meets 03/18/87 - 05/14/87 Wilhelm, K
MW.....12:00pm- 1:00pm (PRH 0307)
F.....12:00pm- 3:00pm (PRH 0307) LAB

RECR200 Sophomore Seminar; Grade Method: S-F; Limited to recreation majors only. 1 credit
0101 Th.....12:30pm- 1:45pm (PRH 0305) Ward, V

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0305) Smith, R

RECR271 Implications of Disabling Conditions For Therapeutic Recreation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (PRH 0307) Smith, R

RECR300 Senior Seminar; Grade Method: REG; Limited to recreation majors. 1 credit
0101 Th.....4:15pm- 5:30pm (PRH 0305) DIS Smith, R

RECR335 Recreation and Leisure; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1250) Leedy, C

RECR341 (PermReq) Field Work II; Grade Method: REG; Limited to recreation majors. 8 credits
0101 Th.....4:15pm- 5:30pm (PRH 1304) LAB Colston, L
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0305) Kuss, F

RECR376 Case Study Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or co-requisite: RECR 375. 1 credit
0101 W.....1:00pm- 4:00pm (PRH 0305) LAB Colston, L

RECR386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-3 credits

RECR387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-3 credits

RECR410 Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 1303) Leedy, C

RECR415 Quantitative Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:15pm- 5:45pm (PRH 0307) Riddick, C

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1301) Strobell, A

RECR426 Industrial Employee Recreation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1304) Ward, V

RECR432 Philosophy of Recreation; Grade Method: REG/P-F/AUD; Limited to recreation majors only. At least 56 credits earned. 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0307) Churchill, J

RECR460 Leadership Techniques and Practices; Grade Method: REG/P-F/AUD; At least 56 credits earned. Prerequisite: RECR 130 or 325. 3 credits
0101 MWF.....10:00am-10:50am (PRH 0305) Ward, V

RECR463 Supervisory Techniques in Recreation; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (PRH 0307) Strobell, A

RECR475 Problems in Therapeutic Recreation; Grade Method: REG/P-F/AUD; Prerequisite: RECR 375. 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 0303) Annand, V

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-6 credits

RECR489A Field Laboratory Projects and Workshop: Recreation-Gerontology Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (PRH 0305) Riddick, C

RECR489R Field Laboratory Projects and Workshop: Orientation to Leisure Services; Grade Method: REG; Limited to recreation majors. Must enroll for RECR 130 at the same time. 1 credit
0101 Meets 03/18/87 - 05/14/87 Iso-Ahola, S
F.....11:00am- 1:00pm (PRH 0303)

RECR490 Organization and Administration of Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned. 3 credits
0101 MWF.....11:00am-11:50am (PRH 1301) Churchill, J

RECR498C Special Topics in Recreation: Sign Language in Recreation for the Deaf; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (PRH 0307) Shelar, V

RECR498T Special Topics in Recreation: Park and Forest Resource Management; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 1303) Kuss, F

RECR610 Methods and Techniques of Research; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (PRH 0303) Iso-Ahola, S

RECR613 Qualitative Methods in Leisure Research; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (PRH 0303) Humphrey, F

RECR634 Philosophical and Conceptual Foundations of Leisure; Grade Method: REG/AUD; RECR 633 must be taken prior to enrollment. Graduate students only. 3 credits
0101 Th.....4:15pm- 7:00pm (PRH 0308) Verhoven Jr., P

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Graduate students only 1-6 credits

RECR688S Special Problems in Recreation: Advanced Statistics; Grade Method: REG/AUD; Graduate students only. 1-6 credits
0101 W.....7:00pm-10:00pm (PRH 0307) Fedler, A

RECR688T Special Problems in Recreation: Management Issues in Commercial Recreation Tourism; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 1301) Verhoven Jr., P

RECR688Y Special Problems in Recreation: Advanced Computer Applications in Leisure Services; Grade Method: REG/AUD; Prerequisites: RECR 498Y or equivalent training and experience. 3 credits
0101 Th.....7:00pm-10:00pm (PRH 0307) Fedler, A

RECR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

RECR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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RTVF Radio Television and Film (Arts and Humanities)

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RTVF222 Introduction to Radio, Television, and Film; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....8:00am- 9:50am (TWS 0135) LAB
0102 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....8:00am- 9:50am (TWS 0135) LAB
0103 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....8:00am- 9:50am (TWS 0135) LAB
0104 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....10:00am-11:50am (TWS 0135) LAB
0105 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....10:00am-11:50am (TWS 0135) LAB
0106 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....10:00am-11:50am (TWS 0135) LAB
0107 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....2:00pm- 3:50pm (TWS 0135) LAB
0108 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....2:00pm- 3:50pm (TWS 0135) LAB
0109 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....9:00am-10:50am (TWS 0135) LAB
0110 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....9:00am-10:50am (TWS 0135) LAB
0111 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....11:00am-12:50pm (TWS 0135) LAB
0112 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....11:00am-12:50pm (TWS 0135) LAB
RTVF 222 and RTVF 223 (grades of 'C' or better) are prerequisites prior to enrollment in upper level broadcasting courses. RTVF 222 And RTVF 314 (grades of 'C' or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent prior to enrollment in any upper level RTVF course. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF223 The Television Program: Planning and Management; Grade Method: REG/P-F/AUD; Prerequisite RTVF 222 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....11:00am-12:15pm (TWS 0131) LAB
0102 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....11:00am-12:15pm (TWS 0131) LAB
0103 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....12:30pm- 1:45pm (TWS 0131) LAB
0104 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....12:30pm- 1:45pm (TWS 0131) LAB
0105 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....2:00pm- 3:15pm (TWS 0131) LAB
0106 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....2:00pm- 3:15pm (TWS 0131) LAB

RTVF302 Beginning Sound Production; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 W.....1:00pm- 1:50pm (TWS 2154) Hamilton, C
M.....11:00am-12:50pm (TWS 0131) LAB
0102 W.....1:00pm- 1:50pm (TWS 2154) Hamilton, C
W.....11:00am-12:50pm (TWS 0131) LAB

RTVF314 Introduction to the Film; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 314 required for all additional upper level film courses. Prerequisite: RTVF 222 or equivalent 3 credits
0101 Tu.....2:00pm- 4:45pm (TWS 2154) Marchetti, G
Th.....2:00pm- 3:15pm (TWS 2154)
0201 M.....10:00am-12:50pm (TWS 2154) Kolker, R
W.....10:00am-11:50am (TWS 2154)

RTVF317 (PermReq) Radio and Television Continuity Writing; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 0138) Shyles, L
0201 MWF.....1:00pm- 1:50pm (TWS 0135) Parks, S

RTVF333 (PermReq) Television and Children; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (TWS 0147) Parks, S

RTVF340 Principles of Television Production Techniques; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
MW.....9:00am-10:50am (TWS 0117) LAB
0102 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
MW.....11:00am-12:50pm (TWS 0117) LAB
0103 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
TuTh.....9:00am-10:50am (TWS 0117) LAB
0104 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
TuTh.....11:00am-12:50pm (TWS 0117) LAB
0105 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
MW.....2:00pm- 3:50pm (TWS 0117) LAB

RTVF347 Broadcast Processes and Effects; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 MWF.....10:00am-10:50am (TWS 0147) STAFF

RTVF351 (PermReq) Television Programming; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0138) Blum, R

RTVF357 (PermReq) Film Production II, Cinematography; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2218) Weiss, G

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Grading satisfactory/fail only. 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Must be taken with RTVF 384. 1-3 credits

RTVF402 Advanced Sound Production; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:00pm- 7:00pm (TWS 0131) Tavares, F

RTVF413 (PermReq) The History of the Film; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....3:30pm- 4:45pm (TWS 0147) Gomery, J
Th.....3:30pm- 5:30pm (TWS 2154)

RTVF415 (PermReq) Contemporary European Cinema; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 4:50pm (TWS 2154) Kolker, R
W.....2:00pm- 3:50pm (TWS 2154)

RTVF419R (PermReq) Film Genres: Films of Revolution and Social Change.; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....11:00am- 1:45pm (TWS 2154) Robinson, E
Th.....11:00am-12:15pm (TWS 2154)

RTVF420 The Documentary Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) Weiss, G

RTVF440 (PermReq) Television Direction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 340. 3 credits
0101 TuTh.....2:00pm- 4:00pm (TWS 0117) Lancaster, D

RTVF447 Quantitative Methods of Broadcast Research; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TWS 0147) STAFF

RTVF449 (PermReq) Television Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. 1-3 credits

RTVF449E (PermReq) Television Workshop: Electronic Editing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0147) Sincell, C

RTVF450 (PermReq) Radio and Television Station Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TWS 0138) Kirkley Jr. D

RTVF451 (PermReq) Broadcast Criticism; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TWS 0138) Kirkley Jr, D

RTVF452 International and Comparative Broadcasting Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0147) Boyd, D

RTVF453 Broadcast Regulation; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 M.....4:00pm- 6:30pm (TWS 0138) Patrick, W

RTVF456 Structure and Criticism of TV Advertising; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222 and 223. Majors only. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 0147) Robinson, E

RTVF498A (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. 3 credits

RTVF498I Seminar: Advanced Writing for Television and Film; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 W.....4:00pm- 6:30pm (TWS 0154) Blum, R

RTVF498J Seminar: Current Topics in Mass Communication; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 M.....4:00pm- 6:30pm (TWS 0147) Brown, D

RTVF498P Seminar: Political Communication; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 W.....4:00pm- 6:30pm (TWS 0147) Shyles, L

RTVF629G Special Problems in Film: Criticism and Analysis.; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....4:00pm- 6:30pm (TWS 0147) Marchetti, G

RTVF648D Seminar in Broadcasting: International Broadcasting System; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....4:00pm- 6:45pm (TWS 0154) Boyd, D

RTVF648G Seminar in Broadcasting: Issues in Telecommunication Technology.; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 0154) Aylward, T

RTVF648I Seminar in Broadcasting: Advanced Writing for Television and Film; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....4:00pm- 6:30pm (TWS 0154) Blum, R

RTVF648P Seminar in Broadcasting: The Analysis of Political Communication; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (TWS 0147) Shyles, L

RTVF649C Special Problems in Broadcasting: Cable Television.; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 0154) Gomery, J

RTVF649R Special Problems in Broadcasting: Audience Research; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (TWS 0131) STAFF

RTVF699 Independent Study; Grade Method: REG/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration.

RTVF799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

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## SLAV Slavic (Arts and Humanities)

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SLAV101 Elementary Russian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2207) Schallert, J
TuTh.....9:00am- 9:50am (JMZ 1122) LAB
0201 MWF.....12:00pm-12:50pm (JMZ 2206) Schallert, J
TuTh.....12:00pm-12:50pm (JMZ 1226) LAB

SLAV102 Elementary Russian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....10:00am-10:50am (JMZ 2206) Merrill, P
TuTh.....9:30am-10:20am (JMZ 2206) LAB
0201 MWF.....11:00am-11:50am (JMZ 2206) Merrill, P
TuTh.....11:00am-11:50am (JMZ 0118) LAB
0301 MWF.....12:00pm-12:50pm (JMZ 3203) Lekic, M
TuTh.....12:30pm- 1:45pm (JMZ 2207) LAB
0401 MWF.....1:00pm- 1:50pm (JMZ 1122) Lekic, M
TuTh.....2:00pm- 2:50pm (JMZ 2207) LAB

SLAV201 Russian Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3207) Brin, M
0201 MWF.....3:00pm- 3:50pm (JMZ 1109) Brin, M

SLAV281 Russian Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3205) Berry, T

SLAV302 Advanced Russian Grammar and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 0118) Hitchcock, D

SLAV322 Survey of Russian Literature II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3207) Berry, T

SLAV328 19th Century Russian Literature in Translation: From Dostoevsky to Chekhov; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0120) Berry, T

SLAV329 Soviet Literature in Translation: Soviet Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....3:00pm- 5:00pm (JMZ 3207) Lekic, M
W.....4:00pm- 4:50pm (JMZ 3207)

SLAV404 Advanced Russian Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1125) Hitchcock, D

SLAV419A Selected Topics in Russian Language Study: Structural Description of Russian; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3207) Merrill, P

SLAV419B Selected Topics in Russian Language Study: Readings and Conversation in Russian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0120) Hitchcock, D

SLAV419P Selected Topics in Russian Language Study: Practicum in Translation for Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 1/28/96 at 3:00pm in JMZ 2206; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Schallert, W

SLAV432 Russian Literature of the 19th Century II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1109) Berry, T

SLAV479 Selected Topics in Slavic Linguistics: Linguistic Analysis of Russian II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 2207) Merrill, P

SLAV499 Directed Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SLAV499C Directed Study: Using the Micro-Computer as a Translation Workstation; Grade Method: REG; For students who lack computer skills but want to take SLAV 419P or FOLA 418. 1 credit
0101 TBA (KEY 3101) LAB Pulgram, E

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## SOCY Sociology (Behavior + Social Sci)

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SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Is a prerequisite for other sociology courses. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3203) Zablotsky, D
0201 MWF.....9:00am- 9:50am (ARC 1101) Queen, S
0301 MWF.....10:00am-10:50am (COL 3109) Adler, M
0401 MWF.....10:00am-10:50am (ARC 1103) Smith, H
0501 MWF.....10:00am-10:50am (COL 3111) STAFF
0601 MWF.....11:00am-11:50am (ASY 1213) Pease, J
0701 MWF.....11:00am-11:50am (COL 3110) Queen, S
0801 MWF.....11:00am-11:50am (COL 3109) Zablotsky, D
0901 MWF.....12:00pm-12:50pm (TYD 0102) Adler, M
1001 MWF.....12:00pm-12:50pm (COL 3110) Smith, H
1101 MWF.....1:00pm- 1:50pm (COL 3111) STAFF
1301 TuTh.....12:30pm- 1:45pm (ARC 0204) Hirzel, R
1401 TuTh.....12:30pm- 1:45pm (ASY 1213) Canjar, R

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Serves as prerequisite for other SOCY courses. 3 credits
0101 MWF.....10:00am-10:50am (ASY 3203) STAFF
0201 MWF.....11:00am-11:50am (ASY 3203) Scarville, J
0301 MWF.....12:00pm-12:50pm (ASY 3203) STAFF
0401 MWF.....1:00pm- 1:50pm (COL 3110) Scarville, J
0501 MWF.....2:00pm- 2:50pm (ASY 3207) Brayfield, A
0601 TuTh.....9:30am-10:45am (ASY 3203) Finsterbusch, K
0701 TuTh.....11:00am-12:15pm (ARC 1103) Snipp, C

SOCY201 Introductory Statistics For Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 110 or STAT 100 or equivalent. 4 credits
0101 MWF.....10:00am-10:50am (ASY 1213) Henkel, R
Th.....8:00am-10:00am (ASY 3217) DIS
0102 MWF.....10:00am-10:50am (ASY 1213) Henkel, R
Th.....10:00am-12:00pm (ASY 3217) DIS
0103 MWF.....10:00am-10:50am (ASY 1213) Henkel, R
Th.....12:00pm- 2:00pm (ASY 3217) DIS
0104 MWF.....10:00am-10:50am (ASY 1213) Henkel, R
Th.....2:00pm- 4:00pm (ASY 3217) DIS
0105 MWF.....10:00am-10:50am (ASY 1213) Henkel, R
Th.....4:00pm- 6:00pm (ASY 3217) DIS
0106 MWF.....10:00am-10:50am (ASY 1213) Henkel, R
Th.....6:00pm- 8:00pm (ASY 3217) DIS

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 201. 4 credits
0101 MWF.....9:00am- 9:50am (ASY 3207) Harper, G
Tu.....8:00am-10:00am (ASY 3217) DIS
0102 MWF.....9:00am- 9:50am (ASY 3207) Harper, G
Tu.....10:00am-12:00pm (ASY 3217) DIS
0103 MWF.....9:00am- 9:50am (ASY 3207) Harper, G
Tu.....1:00pm- 3:00pm (ASY 3217) DIS

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD; Required for all SOCY majors. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3221) Hunt, L

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No prerequisites. 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3207) Meeker, B
0201 TuTh.....11:00am-12:15pm (COL 3110) STAFF
0301 TuTh.....2:00pm- 3:15pm (ARC 1105) STAFF

SOCY300 American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Fulfills upper level area B General University Requirement. Junior standing required, no other prerequisites. 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1101) Hunt, L
0201 TuTh.....2:00pm- 3:15pm (COL 3111) Vanneman, R

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1103) Finsterbusch, K

SOCY325 Sex Roles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....10:00am-10:50am (ASY 3207) Hunt, J
0201 MWF.....11:00am-11:50am (ASY 3207) Aytac, I
0301 MWF.....1:00pm- 1:50pm (COL 3109) Aytac, I
0401 TuTh.....11:00am-12:15pm (ASY 3203) McIntyre, J
0501 TuTh.....12:30pm- 1:45pm (ASY 3203) Imamura, A

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No credit for students who have completed SOCY 427. Area B upper level GUR credit. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3207) McIntyre, J
0201 MWF.....12:00pm-12:50pm (ASY 3207) STAFF
0301 MWF.....2:00pm- 2:50pm (ASY 1213) STAFF

SOCY330 Community Organization; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3215) Snipp, C

SOCY331 Work, Bureaucracy, and Industry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3217) Lengermann, J

SOCY341 Inequality in American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3221) Pease, J

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3203) Kammeyer, K
0201 TuTh.....9:30am-10:45am (ASY 3207) Imamura, A
0301 TuTh.....9:30am-10:45am (ARC 1103) Krauss, N
0401 TuTh.....12:30pm- 1:45pm (COL 3110) Krauss, N

SOCY386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. SOCY 386 and 387 must be taken together.

SOCY387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by coordinator of Sociology Undergrad Program. Must be taken in conjunction with SOCY 386.

SOCY398C Special Topics in Sociology: Introduction to Computers for Social Scientists; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....3:30pm- 5:00pm (ASY 1116) Wagner, M

SOCY398I Special Topics in Sociology: Invitation to Sociology; Grade Method: REG/P-F; 1 credit
0101 W.....3:00pm- 5:00pm (ASY 3217) STAFF

SOCY399 Independent Study in Sociology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 12 hours sociology including at least one of the following - SOCY 201, 202, or 203. No more than 6 hours of 399 is allowed for credit. 1-6 credits
(PermReq)

SOCY402 Intermediate Procedures For Data Collection; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3219) Pecora, N

SOCY411 Population II; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (ASY 3221) Placek, P

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3207) Brown, R

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (ASY 3203) STAFF

SOCY433 Social Control; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3203) Landry, L

SOCY440 Sociology of the Self-Concept; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3207) Rosenberg, M

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3221) Boros-Lezaeta,

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (ASY 3221) Clignet, R

SOCY460 Sociology of Work; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3203) Ritzer, G

SOCY467 Sociology of Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3217) Clignet, R

SOCY498C Selected Topics in Sociology: The Sociology of Children; Grade Method: REG/P-F/AUD; Emphasis on research on the status of children in our society. 3 credits
0101 MWF.....11:00am-11:50am (ASY 3219) Harper, G

SOCY498F Selected Topics in Sociology: Laboratory for Stress and Coping; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 Sa.....11:00am- 2:00pm (ASY 3217) Silbergeld, S

SOCY498L Selected Topics in Sociology: The Computer and Modern Society; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3217) Henkel, R

SOCY498R Selected Topics in Sociology: Social Belonging and Wellbeing; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (ASY 3221) Segal, M

SOCY498S Selected Topics in Sociology: Military Families; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 1117) Segal, M

SOCY602 Intermediate Procedures of Data Analysis; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (ASY 1117) Fleishman, J

SOCY621 Contemporary Sociological Theory; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:00pm (ASY 1117) Segal, D

SOCY631 Comparative Sociology; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:00pm (ASY 1117) Vanneman, R

SOCY633 Sociology of Occupations and Professions; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 1117) Ritzer, G

SOCY645 Sociology of the Self Concept; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 1117) Rosenberg, M

SOCY660 Theories of Social Psychology; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (ASY 4111) Meeker, B

SOCY699 Special Social Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 Th.....3:30pm- 5:00pm (ASY 3219) Wagner, M

SOCY701 Issues in the Integration of Theory and Method; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (ASY 1117) Hage, J

SOCY759 Advanced Special Topics in Sociology of the Family; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 1117) Segal, M

SOCY799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Segal, D

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Landry, L

SOCY899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

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## SPAN Spanish (Arts and Humanities)

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Electronic laboratory for SPAN 101, 102, 102H, 103, 203, 203H will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-staff. Students who have completed SPAN 204 may not subsequently attempt for credit any lower numbered Spanish course. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 1224) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 1226) STAFF
0301 MTuWF.....9:00am- 9:50am (JMZ 1224) STAFF
0501 MTuWF.....10:00am-10:50am (JMZ 1226) STAFF
0601 MTuWF.....10:00am-10:50am (JMZ 1224) STAFF
0701 MWF.....9:00am- 9:50am (JMZ 0120) STAFF
Tu.....9:00am- 9:50am (JMZ 0118)
0801 MWF.....11:00am-11:50am (JMZ 1226) STAFF
Tu.....11:00am-11:50am (JMZ 1120) DIS
0901 MTuWF.....11:00am-11:50am (JMZ 1224) STAFF
1001 MWF.....11:00am-11:50am (JMZ 2207) STAFF
Tu.....11:00am-11:50am (JMZ 1226)
1101 MWF.....12:00pm-12:50pm (JMZ 1226) STAFF
Tu.....12:00pm-12:50pm (JMZ 1117)
1201 MTuWF.....12:00pm-12:50pm (JMZ 1224) STAFF
1401 MTuWF.....1:00pm- 1:50pm (JMZ 1226) STAFF
1501 MTuWF.....1:00pm- 1:50pm (JMZ 1224) STAFF
1701 MTuWF.....2:00pm- 2:50pm (JMZ 1224) STAFF
1801 MTuWF.....2:00pm- 2:50pm (JMZ 1226) STAFF
1901 MTuWF.....3:00pm- 3:50pm (JMZ 1224) STAFF
2001 MW.....4:00pm- 6:00pm (JMZ 1226) STAFF
2101 MW.....4:00pm- 6:00pm (JMZ 1224) STAFF
2301 TuTh.....4:00pm- 6:00pm (JMZ 1224) STAFF
2401 TuTh.....4:00pm- 6:00pm (JMZ 3203) STAFF
2501 TuTh.....7:00pm- 9:00pm (JMZ 1215) STAFF
2601 MW.....7:00pm- 9:00pm (JMZ 3120) STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair- staff. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0208) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0208) STAFF
0501 MWThF.....11:00am-11:50am (JMZ 0208) STAFF
0601 MWThF.....12:00pm-12:50pm (JMZ 0208) STAFF
0701 MWThF.....1:00pm- 1:50pm (JMZ 0208) STAFF
0801 MWThF.....2:00pm- 2:50pm (JMZ 0208) STAFF
0901 MWThF.....3:00pm- 3:50pm (JMZ 0208) STAFF
1001 TuTh.....4:00pm- 6:00pm (JMZ 1122) STAFF
1101 MW.....4:00pm- 6:00pm (JMZ 0208) STAFF
1201 MW.....7:00pm- 9:00pm (JMZ 1103) STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course Chair - staff. Students may not receive credit for both SPAN 101/102 and SPAN 103. 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 1117) STAFF
0201 Th.....10:00am-10:50am (JMZ 1117) STAFF
MWF.....10:00am-10:50am (JMZ 2207)
0301 MWThF.....12:00pm-12:50pm (JMZ 1117) STAFF
0401 MWThF.....1:00pm- 1:50pm (JMZ 1117) STAFF
0501 TuTh.....4:00pm- 6:00pm (JMZ 0125) STAFF

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly 104 - follows 102 or 103. Course chair - staff. 4 credits
0101 MWF.....8:00am- 8:50am (JMZ 1215) STAFF
Tu.....8:00am- 8:50am (JMZ 0208)
0201 MWF.....9:00am- 9:50am (JMZ 1215) STAFF
Tu.....9:00am- 9:50am (JMZ 0208)
0401 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF
0501 MWF.....11:00am-11:50am (JMZ 1215) STAFF
Tu.....11:00am-11:50am (JMZ 0208)
0601 MTuWF.....11:00am-11:50am (JMZ 1117) STAFF
0701 MWF.....12:00pm-12:50pm (JMZ 1215) STAFF
Tu.....12:00pm-12:50pm (JMZ 0208)
0801 MWF.....1:00pm- 1:50pm (JMZ 1215) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1117)
0901 MWF.....2:00pm- 2:50pm (JMZ 1215) STAFF
Tu.....2:00pm- 2:50pm (JMZ 0208)
1001 MW.....4:00pm- 6:00pm (JMZ 1122) STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly SPAN 104 - follows SPAN 102 or SPAN 103 4 credits
0101 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly 201. Follows 203. May be taken with 205 and/or 221. 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 2207) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 2207) STAFF
0301 TuTh.....11:00am-12:15pm (JMZ 2207) STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. Formerly 202. Course chair - staff. May be taken with 204 and/or 221. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1120) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1120) STAFF
0301 MWF.....11:00am-11:50am (JMZ 1120) STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; May be taken with 204 and/or 205. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1120) Kristal, E
0201 TuTh.....11:00am-12:15pm (JMZ 1215) Gramberg, E

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1122) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 0120) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 0120) STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; (Not open to native speakers.) Course chair - staff. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2102) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1211) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. Course chair - staff. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1215) STAFF

0201 MWF.....12:00pm-12:50pm (JMZ 1211) STAFF

SPAN315 Commercial Spanish; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1211) STAFF

SPAN317 Practicum in Translation II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1103) STAFF

SPAN322 Survey of Spanish Literature: 18th-20th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1103) Diz, M

SPAN324 Survey of Spanish-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2207) Nemes, G

SPAN326 Spanish Civilization II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1109) STAFF

SPAN347 Latin American Civilization II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1103) Aguilar-Mora, J

SPAN357 Practicum in Translation IV; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3205) STAFF

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. 1-3 credits

SPAN402 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1103) STAFF

SPAN409 Great Themes of the Hispanic Literatures: Literature and Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1104) Martinez, T

SPAN418 Hispanic Literature in Translation: Quijote in Translation; Grade Method: REG/P-F/AUD; All required readings will be in English. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1125) Zappala, M

SPAN436 Drama of the Seventeenth Century; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0120) Zappala, M

SPAN460 The Generation of 1898 and Its Successors; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1117) Gramberg, E

SPAN489 Spanish-American Fiction: Caribbean Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1215) Kristal, E

SPAN492H Honors Reading Course: Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1120) Aguilar-Mora, J

SPAN496H Honors Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged STAFF

SPAN609 Medieval Spanish Literature: Mester De Clerecia Del Siglo XIII; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1103) Diz, M

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN738 The Drama of the Twentieth Century: Teatro Latinoamericano; Grade Method: REG/AUD; 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 2207) STAFF

SPAN798 Open Seminar: Sociology and Literary Theory; Grade Method: REG; 3 credits
0101 M.....4:30pm- 6:30pm (JMZ 2102) Heyndels, R
Time and room to be arranged

SPAN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPAN809 Colonial Spanish American Literature: Cronistas De Indias; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1226) Martinez, T

SPAN829 Hispanic Poetry of the Nineteenth and Twentieth Centuries: Modernism and Modernity: Dario and Jiminez; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 1103) Nemes, G

SPAN898 Open Seminar: Positivismo del siglo veinte; Grade Method: REG/AUD; Course will be taught by Saul Yurkievach. 3 credits
0101 W.....4:30pm- 7:00pm (JMZ 2207) Aguilar-Mora, J

SPAN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## SPCH Speech (Arts and Humanities)

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(See also THET and RTVF)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Carlson) 3 credits
0101 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
M.....9:00am- 9:50am (ZOP 1228) DIS
0102 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
M.....10:00am-10:50am (ZOP 1228) DIS
0103 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
M.....11:00am-11:50am (ZOP 1234) DIS
0104 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
M.....2:00pm- 2:50pm (TWS 0135) DIS
0105 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Tu.....10:00am-10:50am (COL 0100) DIS
0106 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Tu.....11:00am-11:50am (COL 0100) DIS
0107 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Tu.....12:00pm-12:50pm (COL 0100) DIS
0108 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
W.....10:00am-10:50am (ZOP 1228) DIS
0109 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
W.....11:00am-11:50am (ZOP 1228) DIS
0110 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....10:00am-10:50am (COL 0100) DIS
0111 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (COL 0100) DIS
0112 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (JMZ 0103) DIS
0113 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (COL 0100) DIS
0114 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (JMZ 1224) DIS
0115 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....1:00pm- 1:50pm (TWS 0135) DIS
0201 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
M.....11:00am-11:50am (COL 0100) DIS
0202 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
M.....11:00am-11:50am (ZOP 1228) DIS
0203 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
M.....12:00pm-12:50pm (COL 0100) DIS
0204 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
M.....3:00pm- 3:50pm (TWS 0135) DIS
0205 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
M.....1:00pm- 1:50pm (ZOP 1228) DIS
0206 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Tu.....12:00pm-12:50pm (ZOP 1234) DIS
0207 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Tu.....1:00pm- 1:50pm (TWS 0135) DIS
0208 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
W.....11:00am-11:50am (COL 0100) DIS
0209 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
W.....12:00pm-12:50pm (COL 0100) DIS
0210 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Th.....10:00am-10:50am (JMZ 0103) DIS
0211 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Th.....11:00am-11:50am (COL 0104) DIS
0212 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Th.....12:00pm-12:50pm (COL 0104) DIS
0213 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Th.....1:00pm- 1:50pm (COL 0104) DIS
0214 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
Th.....2:00pm- 2:50pm (COL 0104) DIS
0215 MW.....2:00pm- 2:50pm (SKN 0200) STAFF
F.....12:00pm-12:50pm (TWS 0131) DIS

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Wolvin) 3 credits
0101 MWF.....8:00am- 8:50am (TWS 2212) STAFF
0201 MWF.....8:00am- 8:50am (TWS 2230) STAFF
0301 MWF.....9:00am- 9:50am (TWS 2230) STAFF
0401 MWF.....9:00am- 9:50am (TWS 2212) STAFF
0501 MWF.....10:00am-10:50am (TWS 2212) STAFF
0601 MWF.....10:00am-10:50am (TWS 2230) STAFF
0701 MWF.....11:00am-11:50am (TWS 2212) STAFF
0801 MWF.....11:00am-11:50am (TWS 2230) STAFF
0901 MWF.....12:00pm-12:50pm (TWS 2230) STAFF
1001 MWF.....1:00pm- 1:50pm (TWS 2212) STAFF
1101 MWF.....1:00pm- 1:50pm (TWS 2230) STAFF
1201 MWF.....2:00pm- 2:50pm (TWS 2230) STAFF
1301 TuTh.....8:00am- 9:15am (TWS 2228) STAFF
1401 TuTh.....8:00am- 9:30am (TWS 1204) STAFF
1501 TuTh.....9:30am-10:45am (TWS 2228) STAFF
1601 TuTh.....9:30am-10:45am (TWS 1204) STAFF
1701 TuTh.....11:00am-12:15pm (TWS 2212) STAFF
1801 TuTh.....11:00am-12:15pm (COL 0102) STAFF
1901 TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
2001 TuTh.....12:30pm- 1:45pm (TWS 0147) STAFF
2101 TuTh.....2:00pm- 3:15pm (TWS 2230) STAFF
2201 TuTh.....2:00pm- 3:15pm (TWS 0138) STAFF

SPCH107A (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD; Enrollment by permission of Arts and Humanities Dean. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2102) STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Edgar) 3 credits
0101 MWF.....9:00am- 9:50am (TWS 1204) STAFF
0201 MWF.....10:00am-10:50am (TWS 1204) STAFF
0301 MWF.....11:00am-11:50am (TWS 1202) STAFF
0401 MWF.....12:00pm-12:50pm (TWS 1202) STAFF
0501 MWF.....1:00pm- 1:50pm (TWS 1202) STAFF
0601 MWF.....2:00pm- 2:50pm (TWS 1202) STAFF
0701 TuTh.....9:30am-10:45am (TWS 1202) STAFF
0801 TuTh.....11:00am-12:15pm (TWS 1202) STAFF
0901 TuTh.....12:30pm- 1:45pm (TWS 1202) STAFF
1001 TuTh.....2:00pm- 3:15pm (TWS 1202) STAFF

SPCH200 Public Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2230) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 2230) STAFF

SPCH220 Group Discussion; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TWS 1204) STAFF
0201 MWF.....2:00pm- 2:50pm (TWS 1204) STAFF

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0131) STAFF
0201 MWF.....11:00am-11:50am (TWS 2228) STAFF
0301 TuTh.....9:30am-10:45am (TWS 0138) STAFF
0401 TuTh.....11:00am-12:15pm (TWS 1204) STAFF

SPCH330 Argumentation and Debate in Society; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 230. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2212) Gaines, R

SPCH350 Foundations of Communication Theory; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 2212) Freimuth, V

SPCH400 Introduction to Research Methodologies in Speech Communication; Grade Method: REG/P-F/AUD; This course will not be offered in Fall 1987. 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 2212) Freimuth, V

SPCH422 Interviewing; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 1204) Edgar, T

SPCH424 Business, Industrial and Government Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2228) Wilson, C

SPCH451 Renaissance and Modern Rhetorical Theory; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (TWS 2230) Gaines, R

SPCH470 Listening; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....1:00pm- 2:20pm (TWS 0131) McCaleb, J

SPCH471 Diffusion of Innovation; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2212) Freimuth, V

SPCH475 Persuasion in Speech; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 1204) Fink, E

SPCH483 Urban Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (TWS 2228) Niles, L

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH489 (PermReq) Speech Communication Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH601 Historical-Critical Research in Speech Communication; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) Carlson, C

SPCH670 Seminar in Listening Behavior; Grade Method: REG/AUD; 3 credits
0101 WF.....1:00pm- 2:20pm (TWS 0131) McCaleb, J

SPCH681 Communication Issues in Human Resource Development; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 0135) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 (PermReq) Special Problems in Speech Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH698D Special Problems in Speech Communication: Diffusion of Innovation; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2212) Freimuth, V

SPCH724 Seminar in Organizational Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 2228) Wilson, C

SPCH730 Seminar in Health Communication; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (TWS 2212) Edgar, T

SPCH755 Seminar in Rhetorical Theory; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (TWS 2212) Klump, J

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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## STAT Statistics and Probability (Comp, Math, & Phys Sci)

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STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses STAT 100 and MATH 111. Students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141 may not obtain credit for STAT 100. 3 credits
0101 MWF.....11:00am-11:50am (MTH B0425) STAFF
0201 MWF.....12:00pm-12:50pm (MTH B0425) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH B0423) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH B0423) STAFF
0501 TuTh.....11:00am-12:15pm (MTH B0425) STAFF
0601 TuTh.....12:30pm- 1:45pm (MTH B0425) STAFF

STAT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

STAT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Not open to MATH grad students. 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0403) Syski, R
0401 MWF.....8:00am- 8:50am (MTH 0411) Good, R
0601 TuTh.....12:30pm- 1:45pm (MTH 0302) STAFF
0701 TuTh.....9:30am-10:45am (MTH 0411) Kedem, B
0901 MWF.....11:00am-11:50am (MTH 0102) Ellis, R
1001 MWF.....10:00am-10:50am (MTH 0401) Millson, M

STAT400E Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Intended for engineering majors. Not open to MATH grad students. 3 credits
1201 TuTh.....11:00am-12:15pm (MTH 1308) Yang, G

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD; Not open to MATH grad students. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0302) Mikulski, P

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0101) Mikulski, P

STAT420 Introduction to Statistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0301) Wei, C

STAT450 Regression and Variance Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0301) Wei, C

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (MTH 1313) Janssen, I

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT601 Probability Theory II; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0102) Syski, R

STAT611 Stochastic Processes II; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 1311) Slud, E

STAT650 Applied Stochastic Processes; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (MTH 0101) Janssen, I

STAT698A Selected Topics in Probability; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT701 Mathematical Statistics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0407) Kedem, B

STAT711 Advanced Statistics II; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH B0431) Smith, P

STAT750 Multivariate Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) STAFF

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT798S Selected Topics in Statistics: Survival Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH B0425) Yang, G

STAT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## TEXT Textiles (Human Ecology)

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TEXT105 Textiles in Contemporary Living; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MMH 1400) Pourdeyhimi, B

TEXT150 Introduction to Textile Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
M.....8:00am-10:00am (MMH 2401) LAB
0102 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
M.....10:00am-12:00pm (MMH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Tu.....1:00pm- 3:00pm (MMH 2401) LAB
0104 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
W.....8:00am-10:00am (MMH 2401) LAB
0105 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
W.....10:00am-12:00pm (MMH 2401) LAB
0106 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Th.....1:00pm- 3:00pm (MMH 2401) LAB
0107 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
F.....10:00am-12:00pm (MMH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Limited to majors. 3 credits
0101 MW.....10:00am-10:50am (MMH 0108) STAFF
W.....11:00am- 2:00pm (MMH 2208) LAB
0102 MW.....10:00am-10:50am (MMH 0108) STAFF
Tu.....8:00am-11:00am (MMH 2208) LAB
0103 MW.....10:00am-10:50am (MMH 0108) STAFF
Th.....8:00am-11:00am (MMH 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. 3 credits
0101 MW.....2:00pm- 5:00pm (MMH 2208) LAB Anderson, C

TEXT250 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD; Prerequisite - TEXT 150. 3 credits
0101 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
M.....2:00pm- 4:30pm (MMH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
W.....2:00pm- 4:30pm (MMH 2201) LAB
0103 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
F.....1:00pm- 3:30pm (MMH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
Tu.....2:00pm- 4:30pm (MMH 2201) LAB

TEXT347 History of Costume II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (MMH 0108) Paoletti, J

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: TEXT150 3 credits
0101 MWF.....10:00am-10:50am (MMH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1304) Paoletti, J

TEXT365 Fashion Merchandising; Grade Method: (PermReq) REG/P-F/AUD; Limited to juniors and seniors. 3 credits
0101 MWF.....11:00am-11:50am (MMH 1304) Wagner, J

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1304) Ruyle, N

TEXT385 Junior Honors Seminar; Grade Method: S-F; (PermReq) Majors only. 1 credit
0101 W.....2:00pm- 2:50pm (MMH 2210) Pourdeyhimi, B

TEXT388 Field Work and Analysis in Textiles; Grade (PermReq) Method: S-F; Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged STAFF

TEXT400 Research Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MMH 3418) Chern, W

TEXT425 Advanced Apparel Design; Grade Method: REG/P-F/AUD; Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (MMH 2208) LAB Anderson, C

TEXT456 Textile Science: Dyes and Dye Application; Grade Method: REG/AUD; Prerequisite: TEXT 452. 3 credits
0101 TuTh.....9:30am-10:30am (MMH 2201) Yeh, K
TuTh.....10:30am-12:30pm (MMH 2201) LAB

TEXT470 Textile and Apparel Marketing; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 0108) Wagner, J

TEXT488 Senior Honors Thesis; Grade Method: S-F; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 Special Studies; Grade Method: (PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

TEXT498A Special Studies: Portfolio Development and (PermReq) Illustration; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 5:00pm (MMH 2208) Anderson, C

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## THET Theatre (Arts and Humanities)

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(See also RTVF and SPCH)

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2101) Baker, B
0201 MWF.....12:00pm-12:50pm (SHM 2101) Greeley, L
0301 MWF.....1:00pm- 1:50pm (SHM 2101) Housley, H

THET111 Making Theater: Art and Scholarship; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0138) Milhous, J

THET120 Acting Fundamentals; Grade Method: (PermReq) REG/P-F/AUD; 3 credits
0101 W.....1:00pm- 1:50pm (TWS 1228) Elam Jr., H
TuTh.....12:20pm- 2:00pm (TWS 1228) LAB
0102 W.....1:00pm- 1:50pm (TWS 1228) Elam Jr., H
TuTh.....2:00pm- 3:30pm (TWS 1228) LAB
0103 W.....1:00pm- 1:50pm (TWS 1228) Elam Jr., H
TuTh.....3:30pm- 5:00pm (TWS 1228) LAB

THET170 Stagecraft; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....10:00am-10:50am (TWS 0231) Kriebs, D
M.....1:00pm- 4:00pm (TWS 0231) LAB
0102 TuTh.....10:00am-10:50am (TWS 0231) Kriebs, D
Tu.....1:00pm- 4:00pm (TWS 0231) LAB
0103 TuTh.....10:00am-10:50am (TWS 0231) Kriebs, D
W.....1:00pm- 4:00pm (TWS 0231) LAB
0104 TuTh.....10:00am-10:50am (TWS 0231) Kriebs, D
Th.....1:00pm- 4:00pm (TWS 0231) LAB

THET221 Speech For the Stage; Grade Method: (PermReq) REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0241) LAB MacArthur, C

THET310 The American Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (SKN 0200) Oleary, R

THET311 Play Production; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0138) Coleman, D

THET320 Intermediate Acting; Grade Method: (PermReq) REG/P-F/AUD; Prerequisite: THET 120. 3 credits
0101 MW.....9:00am-10:50am (TWS 1154) Patrick, M

THET330 Play Directing; Grade Method: REG/P-F/AUD; (PermReq) 3 credits
0101 MW.....1:00pm- 2:50pm (TWS 0241) MacArthur, C

THET386 Field Work; Grade Method: REG/P-F/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET387 Field Work Analysis; Grade Method: (PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET420 Styles and Theories of Acting; Grade (PermReq) Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (TWS 1154) Patrick, M

THET429 Actor's Studio; Grade Method: REG/P-F/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET430 Advanced Directing For the Stage; Grade (PermReq) Method: REG/P-F/AUD; Prerequisite: THET 330. 3 credits
0101 MW.....3:00pm- 5:00pm (TWS 0241) Oleary, R

THET461 Theatre Management II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 0131) Patterson, W

THET471 Advanced Scenic Design; Grade Method: (PermReq) REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:50pm (TWS 1218) Stowe, L

THET473 Scene Painting; Grade Method: REG/P-F/AUD; (PermReq) 3 credits
0101 MW.....9:00am-11:50am (TWS 0231) Stowe, L

THET476 Principles and Theories of Stage Lighting; (PermReq) Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....10:00am-11:50am (TWS 0241) Coleman, D
Time and room to be arranged LAB

THET479 Theater Workshop; Grade Method: (PermReq) REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged Strange, L
0301 Time and room to be arranged Coleman, D
0401 Time and room to be arranged Stowe, L

THET481 Stage Costume History and Design II; Grade (PermReq) Method: REG/P-F/AUD; 3 credits
0101 TuTh.....10:00am-12:00pm (TWS 1218) Milton, A

THET487 Stage Costume Construction II; Grade (PermReq) Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:50pm (TWS B0230D) Strange, L

THET491 History of the Theatre II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2228) Milhous, J

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....11:00am-11:50am (TWS 1204) Elam Jr., H

THET499 Independent Study; Grade Method: (PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET499B Independent Study: Advanced Stagecraft; (PermReq) Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-11:50am (Arranged) Kriebs, D
Time and room to be arranged LAB

THET499J Independent Study: Japanese Theater; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:00pm (JMZ 2102) Rimer, T
W.....1:00pm- 2:00pm (JMZ 2102)

THET499Y Independent Study: Personal Anthology of Contemporary Theatre; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0135) STAFF

THET669 Independent Study; Grade Method: REG/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET681 Theory of Visual Design in Costuming; (PermReq) Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Milton, A

THET688 Special Problems in Drama: Analysis; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (JMZ 1125) Bentley, E
Time and room to be arranged DIS

THET698 Seminar: Studies in Theatre: Personal Anthology of Contemporary Theatre; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0135) STAFF

THET698A Seminar: Studies in Theatre: TEATRO LATINOAMERICANO; Grade Method: REG/AUD; 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 2207) STAFF

THET788 Master's Tutorial; Grade Method: REG/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET789 Master's Practicum; Grade Method: REG/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET799 Master's Thesis Research; Grade Method: (PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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## TXCE Textiles and Consumer Economics (Human Ecology)

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TXCE600 Research Methods; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 2210) Soberon-Ferrer,

TXCE608 Special Problems; Grade Method: REG/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE625 Research Methods in Consumer Behavior; Grade Method: REG/AUD; Pre or co-requisite: TXCE 600. 3 credits
0101 Time and room to be arranged Ettenson, R

TXCE647 Clothing and Comfort; Grade Method: REG/AUD; 3 credits
0101 M.....5:30pm- 8:00pm (MMH 2201) Hollies, N

TXCE650 Seminar in Textile Economics and Marketing; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (MMH 2210) Dardis, R

TXCE658D Advanced Topics in Textiles: Degradation (PermReq) of Text Fibers; Grade Method: REG/AUD; 3 credits
0101 TBA (MMH 2208) Block, I

TXCE661 Dyes and Dye Application; Grade Method: REG/AUD; Prerequisite: TXCE 660 or consent of instructor. 3 credits
0101 TuTh.....9:30am-10:30am (MMH 2201) Yeh, K
TuTh.....10:30am-12:30pm (MMH 2201) LAB

TXCE671 Mechanical and Thermal Properties; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 9:00pm (MMH 2201) Pourdeyhimi, B

TXCE699 Research Seminar; Grade Method: S-F; 1 credit
0101 M.....4:00pm- 4:50pm (MMH 1304) Smith, B

TXCE710 Public Policy and Consumer Economics; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:30pm (MMH 2210) Dardis, R

TXCE799 Master's Thesis Research: Non-Thesis (PermReq) Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade (PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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## UMEI Maryland English Institute (Arts and Humanities)

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UMEI001 English as a Foreign Language: Beginning; (PermReq) Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other work. No credit
0101 Time and room to be arranged Lipowitz, H

UMEI002 English as a Foreign Language: Intermediate I; Grade Method: S-F; See (PermReq) Director, UMEI, 1104 Preinkert. Student not permitted to enroll any other course work. No credit
0101 Time and room to be arranged Sahin, L

UMEI003 English as a Foreign Language: Intermediate II; Grade Method: S-F; See (PermReq) Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. No credit
0101 MWF.....11:00am-12:00pm (JRN 1101) Samaan, J
TuTh.....11:00am-12:00pm (JMZ 0202)

UMEI004 English as a Foreign Language: Intermediate III; Grade Method: S-F; See (PermReq) Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. No credit
0101 MTuWThF...10:00am-12:00pm (TAA 1122) Anderson, B

UMEI005 Advanced English as a Foreign Language; (PermReq) Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Undergraduate student also required to enroll in two courses not to exceed eight hours. No credit
0101 MWF.....9:00am-11:00am (ASY 3215) Poirier, M
TuTh.....9:00am-11:00am (JRN 1103)
0201 MWF.....11:00am- 1:00pm (ASY 3215) Sprague, M
TuTh.....11:00am- 1:00pm (JRN 1103)
0301 MWF.....10:00am-12:00pm (EDU 1203) Lanier, L
TuTh.....10:00am-12:00pm (ARC 1121)
0401 MTuWThF....1:00pm- 3:00pm (COL 3114) Butler, M

UMEI006 English Pronunciation; Grade Method: S-F; No credit
0101 W.....3:00pm- 5:00pm (JMZ 1120) Butler, M

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## URBS Institute for Urban Studies (Behavior + Social Sci)

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URBS100 Introduction to Urban Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Pass-fail for non-majors only. 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1221) Howland, M

URBS210 Behavioral and Social Dimensions of the Urban Community; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1201) Chang, W

URBS220 Environmental and Technological Dimensions of the Urban Community; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 1222) Christian, C

URBS350 Quantitative Methods in Urban Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 2208) Brodsky, H
0201 MWF.....1:00pm- 1:50pm (TYD 1101) Brodsky, H

URBS386 Field Work; Grade Method: REG/P-F/AUD; (PermReq) Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained in 0119 Hornbake. Must be taken concurrently with URBS 387. Contact instructor for group seminar dates. 1-3 credits

URBS387 Field Work Analysis; Grade Method: (PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained from 0119 Hornbake. Must be taken with URBS 386. Contact instructor for group seminar dates. 1-3 credits

URBS397H Honors Independent Reading; Grade Method: (PermReq) REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Marando, V

URBS399A Independent Study in Urban Topics; Grade (PermReq) Method: REG/P-F/AUD; Independent study related to internship. Concurrent registration with URBS 438 is possible. 3 credits
0101 Time and room to be arranged Williams, B

URBS399I Independent Study in Urban Topics; Grade (PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS399R Independent Study in Urban Topics: (PermReq) Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS410 The Development of the American City; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (LEF 1220) Baum, H

URBS438 Urban Internship; Grade Method: REG; (PermReq) 1-6 credits
0101 Time and room to be arranged Williams, B

URBS440 City and Regional Economic Development; Grade Method: REG/P-F/AUD; Prerequisite: URBS 210 and ECON 105 or ECON 201, or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TAA 1122) Howland, M

URBS450 Problems in Urban Law; Grade Method: REG/P-F/AUD; Recommended preparation six (6) credits in URBS courses. 3 credits
0101 Th.....7:00pm- 9:30pm (TYD 1102) Scott, R

URBS488A Selected Topics in Urban Studies: Computer Mapping; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....6:30pm- 9:00pm (TYD 1128) Broome, F

URBS488B Selected Topics in Urban Studies: Urban and Metro Budgeting and Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LEF 1222) Marando, V

URBS488E Selected Topics in Urban Studies: Human Behavior and Physical Environment; Grade Method: REG; 3 credits

0101 Tu.....5:30pm- 8:00pm (LEF 1179) Brower, S

URBS488I Selected Topics in Urban Studies: Geographic Information Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:00pm- 5:30pm (LEF 1221) Thompson, D

URBS488S Selected Topics in Urban Studies: The Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 1222) Christian, C

URBS488X Selected Topics in Urban Studies: Urban Problems Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (LEF 1210) Brower, S

URBS499H Honors Thesis: Honors; Grade Method: REG; 3 credits
0101 Time and room to be arranged Marando, V

URBS601 (PermReq) Intermediate Research Methods; Grade Method: REG/AUD; Prerequisite: URBS 350 or equivalent and GEOG 483, or permission of instructor. 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1201) Brodsky, H

URBS640 Ecology and Demography of Urban Studies; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1201) Christian, C

URBS660 Urban Social Systems; Grade Method: REG/AUD; Prerequisite: URBS 480 or its equivalent or permission of instructor. 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1208) Chang, W

URBS666 (PermReq) Urban Management and Decision Making; Grade Method: REG/AUD; Prerequisites: URBS 488M or URBS 670 or permission of instructor. 3 credits
0101 W.....6:30pm- 9:00pm (LEF 1220) Marando, V

URBS688D Recent Developments in Urban Studies: Seminar on City and Regional Economic Development Planning; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1221) Howland, M

URBS688E Recent Developments in Urban Studies: Human Behavior and the Physical Environment ; Grade Method: REG; 3 credits
0101 Tu.....5:30pm- 8:00pm (LEF 1179) Brower, S

URBS688X Recent Developments in Urban Studies: Urban Problem Seminar; Grade Method: REG/AUD; 3 credits
0101 Tu.....2:00pm- 4:30pm (LEF 1210) Brower, S

URBS689 (PermReq) Internship Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible. 3-6 credits

URBS691 Politics and Planning; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1222) Baum, H

URBS698A (PermReq) Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates. 3 credits

URBS698I (PermReq) Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS698R (PermReq) Independent Study in Urban Topics: Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

URBS799B Master's Thesis Research: Advanced Quantitative Methods for Political Science; Grade Method: REG; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2138H) Wiley, S

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## WMST Women's Studies (Arts and Humanities)

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Students are encouraged to take this course before registering for another course on women. A third discussion hour will be arranged in first lecture. Many other women's studies courses are offered through various departments. See, for example, history, English, philosophy, anthropology, sociology, etc.

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....10:00am-10:50am (CHM 0124) King, K
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (HZF 1101) King, K
Time and room to be arranged DIS

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-11:50am (JMZ 2206) Kerkham, H
Time and room to be arranged DIS
0201 TuTh.....2:00pm- 2:50pm (JMZ 2206) Pratt, M
Time and room to be arranged DIS
0301 MW.....1:00pm- 1:50pm (HZF 1106) Frederiksen, E
Time and room to be arranged DIS

WMST350 (PermReq) Feminist Education Practicum; Grade Method: REG/P-F/AUD; Prerequisite: must have taken WMST 200 and received an "A" for that course. 3 credits
0101 Time and room to be arranged Pratt, M
0201 Time and room to be arranged King, K
0301 Time and room to be arranged Zeiger, R
0401 Time and room to be arranged Frederiksen, E
0501 Time and room to be arranged Kerkham, H

WMST351 (PermReq) Feminist Education Analysis; Grade Method: REG/P-F/AUD; Prerequisite: student must have taken WMST 200 or WMST 250 to enroll in this course. 3 credits
0101 Time and room to be arranged Pratt, M
0201 Time and room to be arranged King, K
0301 Time and room to be arranged Zeiger, R
0401 Time and room to be arranged Frederiksen, E
0501 Time and room to be arranged Kerkham, H

WMST386 Field Work; Grade Method: REG/P-F/AUD; Co-requisite: WMST 387. 1-3 credits
0101 Time and room to be arranged Strasburg, G

WMST387 Field Work Analysis; Grade Method: REG/P-F/AUD; Co-requisite ; WMST 386. 1-3 credits
0101 Time and room to be arranged Strasburg, G

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Student must have taken WMST 200 or WMST 250 to enroll in this course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1108) King, K
0201 M.....2:00pm- 5:00pm (ARM 0117) Moses, C

WMST498A Special Topics in Women's Studies: Afro-American Women: Art and Culture; Grade Method: REG/P-F/AUD; WMST 200 or 250 or by permission of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) Joyce, J

WMST499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 3 hours of WMST, upper division standing, and consent of instructor. 1-3 credits

WMST699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: graduate standing and permission of instructor. 1-3 credits

WMST700 Feminist Reconceptualizations; Grade Method: REG/AUD; Prerequisite: graduate standing and six credits of WMST classes or permission of instructor. 3 credits
0101 W.....6:30pm- 9:30pm (HBK 1120) Beck, E

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## ZOOL Zoology (Life Sciences)

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ZOOL101 General Zoology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Linder. Laboratory instructor: Piper. 4 credits
0101 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
M.....12:00pm- 2:00pm (ZOP 0213) LAB
0102 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
M.....2:00pm- 4:00pm (ZOP 0213) LAB
0103 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Tu.....8:00am-10:00am (ZOP 0213) LAB
0104 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Tu.....10:00am-12:00pm (ZOP 0213) LAB
0105 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Tu.....1:00pm- 3:00pm (ZOP 0213) LAB
0106 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Tu.....3:00pm- 5:00pm (ZOP 0213) LAB
0107 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....8:00am-10:00am (ZOP 0213) LAB
0108 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....10:00am-12:00pm (ZOP 0213) LAB
0109 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....12:00pm- 2:00pm (ZOP 0213) LAB
0110 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....2:00pm- 4:00pm (ZOP 0213) LAB
0111 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
F.....12:00pm- 2:00pm (ZOP 0213) LAB
0112 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
F.....2:00pm- 4:00pm (ZOP 0213) LAB
0113 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
M.....12:00pm- 2:00pm (ZOP 0249) LAB
0114 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
M.....2:00pm- 4:00pm (ZOP 0249) LAB
0115 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Tu.....10:00am-12:00pm (ZOP 0249) LAB
0116 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Tu.....1:00pm- 3:00pm (ZOP 0249) LAB
0117 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....10:00am-12:00pm (ZOP 0249) LAB
0118 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....12:00pm- 2:00pm (ZOP 0249) LAB
0119 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
Th.....2:00pm- 4:00pm (ZOP 0249) LAB
0120 MWF.....10:00am-10:50am (ZOP 1240) Linder, H
F.....12:00pm- 2:00pm (ZOP 0249) LAB

ZOOL181 Life in the Oceans; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: An introductory course in biological principles. .3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1250) Clark, E

ZOOL202 Human Anatomy and Physiology II; Grade Method: REG/P-F/AUD; Professor-in-charge: Larsen. Laboratory supervisor: Spalding Prerequisites: ZOOL 101 or equivalent. 4 credits
0101 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
MF.....8:00am-10:00am (ZOP 0205) LAB
0102 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
MF.....10:00am-12:00pm (ZOP 0205) LAB
0103 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....8:00am-10:00am (ZOP 0207) LAB
0105 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
MF.....2:00pm- 4:00pm (ZOP 0207) LAB
0108 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....10:00am-12:00pm (ZOP 0205) LAB
0109 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....10:00am-12:00pm (ZOP 0207) LAB
0110 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....12:00pm- 2:00pm (ZOP 0207) LAB
0111 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....12:00pm- 2:00pm (ZOP 0205) LAB
0116 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
MF.....10:00am-12:00pm (ZOP 0207) LAB
0117 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
MF.....12:00pm- 2:00pm (ZOP 0205) LAB
0118 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
MF.....12:00pm- 2:00pm (ZOP 0207) LAB
0120 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....2:00pm- 4:00pm (ZOP 0205) LAB
0121 TuTh.....9:00am- 9:50am (ZOP 1240) Larsen, P
TuTh.....2:00pm- 4:00pm (ZOP 0207) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Vermeij Laboratory supervisor: Edds 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
MF.....10:00am-12:00pm (ZOP 0271) LAB
0102 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
MF.....12:00pm- 2:00pm (ZOP 0271) LAB
0103 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
TuTh.....9:00am-11:00am (ZOP 0271) LAB
0104 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
TuTh.....1:00pm- 3:00pm (ZOP 0271) LAB
0105 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
TuTh.....3:00pm- 5:00pm (ZOP 0271) LAB
0107 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
MF.....10:00am-12:00pm (ZOP 0257) LAB
0108 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
MF.....12:00pm- 2:00pm (ZOP 0257) LAB
0109 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
TuTh.....9:00am-11:00am (ZOP 0257) LAB
0110 TuTh.....11:00am-11:50am (ZOP 1240) Vermeij, G
TuTh.....1:00pm- 3:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Levitan. Lecturers: Prof. Ades, Colombini, Goode, Higgins, Levitan, Olek. Laboratory supervisor: Staff. Prerequisite: CHEM 103. 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
W.....6:00pm- 9:00pm (ZOP 0283) LAB
0108 MWF.....11:00am-11:50am (ZOP 1250) Levitan, H
F.....2:00pm- 5:00pm (ZOP 0283) LAB

ZOOL212 Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: staff. Lecturer: Allan, and Inouye. Laboratory supervisor: staff. 4 credits
0102 MWF.....11:00am-11:50am (ZOP 1243) STAFF
Tu.....1:00pm- 4:00pm (ZOP 0275) LAB
0103 MWF.....11:00am-11:50am (ZOP 1243) STAFF
W.....1:00pm- 4:00pm (ZOP 0275) LAB
0104 MWF.....11:00am-11:50am (ZOP 1243) STAFF
Th.....1:00pm- 4:00pm (ZOP 0275) LAB
0105 MWF.....11:00am-11:50am (ZOP 1243) STAFF
Th.....9:00am-12:00pm (ZOP 0275) LAB

ZOOL212H (PermReq) Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1243) STAFF
M.....1:00pm- 4:00pm (ZOP 0275) LAB
Time and room to be arranged DIS

ZOOL213 Genetics; Grade Method: REG/P-F/AUD; Prerquisites: one semester of organic chemistry and a course in a biological science. 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
M.....2:00pm- 5:00pm (ZOP 0245) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Tu.....9:00am-12:00pm (ZOP 0245) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Tu.....1:00pm- 4:00pm (ZOP 0245) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
W.....1:00pm- 4:00pm (ZOP 0245) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Th.....1:00pm- 4:00pm (ZOP 0245) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
F.....12:00pm- 3:00pm (ZOP 0245) LAB

Z00L299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

Z00L308H (PermReq) Honors Seminar; Grade Method: REG/P-F/AUD; See Prof. Levitan for day and time of seminar. Prerequisite: participation in honors program. 1 credit
0101 Time and room to be arranged Levitan, H

Z00L309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. 1-4 credits

Z00L318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. 1-2 credits

Z00L319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. 1-2 credits

Z00L328A (PermReq) Selected Topics in Zoology: Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD; 2-4 credits
0101 Time and room to be arranged LAB Carter-Porges,

Z00L328B (PermReq) Selected Topics in Zoology: Techniques in Animal Behavior; Grade Method: REG/P-F/AUD; 2-4 credits
0101 Time and room to be arranged LAB Carter-Porges,

Z00L328C Selected Topics in Zoology: Neurophysiology; Grade Method: REG/P-F/AUD; Lectures of ZOOL 421 for undergraduate students. Graduate students register for ZOOL 708C. 3 credits
3801 TuTh.....11:00am-12:15pm (ZOP 1243) Olek, A

Z00L328D (PermReq) Selected Topics in Zoology: Recombinant DNA; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211 or ZOOL 213 or permission of instructor. 3 credits
4001 TuTh.....9:30am-10:45am (ZOP 1208) Shapiro, S

Z00L328P Selected Topics in Zoology: Computer Simulation and Modeling of Biological Systems; Grade Method: REG/P-F/AUD; Prerequisites: upper level course in biology, calculus. 4 credits
1901 MW.....9:00am- 9:50am (ZOP 0263) Levitan, H
TBA (ZOP 0263) LAB

Z00L328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. 1-3 credits

Z00L415 Cell Differentiation; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211 or 213. 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1238) Goode, M

Z00L421 Neurophysiology; Grade Method: REG/P-F/AUD; Undergraduate students may enroll for lectures of course under ZOOL 328C. Graduate students may enroll for lectures of course under ZOOL 708C. Prerequisites: ZOOL 211, CHEM 233, physics through introduction to electricity and magnetism. 4 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1243) Olek, A
Tu.....2:00pm- 5:00pm (ZOP 2245) LAB
0102 TuTh.....11:00am-12:15pm (ZOP 1243) Olek, A
Th.....2:00pm- 5:00pm (ZOP 2245) LAB
0103 TuTh.....11:00am-12:15pm (ZOP 1243) Olek, A
M.....2:00pm- 5:00pm (ZOP 2245) LAB

Z00L426 General Endocrinology; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211, CHEM 233, CHEM 243. 3 credits
0101 MWF.....8:00am- 8:50am (ZOP 1250) STAFF

Z00L446 Molecular Genetics; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 213 and a course in organic chemistry. 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1238) Imberski, R

Z00L465 Behavioral Ecology; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 212 or permission of instructor. 4 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1243) Borgia, G
Time and room to be arranged LAB

Z00L472 Protozoology; Grade Method: REG/P-F/AUD; Prerequisite: one year of biology. 4 credits
0102 TuTh.....1:00pm- 1:50pm (ZOP 1236) Small, E
TuTh.....2:00pm- 5:00pm (ZOP 0221) LAB

Z00L473 Marine Ecology; Grade Method: REG/P-F/AUD; Prerequisites: course in invertebrate zoology or animal diversity and ZOOL 470. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1236) Reaka, M

Z00L481 The Biology of Marine and Estuarine Invertebrates; Grade Method: REG/P-F/AUD; Prerequisite: one year of zoology including ZOOL 210. 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 2207) Pierce Jr, S
TuTh.....1:00pm- 4:00pm (ZOP 2207) LAB

Z00L608B (PermReq) Zoology Seminar: Regulation of Gene Expression by Xenobiotics; Grade Method: REG/AUD; 1 credit
0101 F.....12:00pm-12:50pm (Arranged) Ades, I

Z00L608D (PermReq) Zoology Seminar: Genetic Regulation of Development; Grade Method: REG; 1 credit
1601 Th.....11:00am-11:50am (ZOP 1230) Imberski, R

Z00L608G (PermReq) Zoology Seminar: Cultural Evolution from a Population Genetics Perspective; Grade Method: REG; 1 credit
0101 Time and room to be arranged STAFF

Z00L608J (PermReq) Zoology Seminar: Ecology, Behavior and Evolution; Grade Method: REG/AUD; Open to all graduate students. Advanced special students require Department authorization. 1-2 credits
3901 Tu.....12:00pm-12:50pm (ZOP 1208) Allan, J

Z00L608M (PermReq) Zoology Seminar: Comparative Physiology; Grade Method: REG/AUD; Advanced special students require Department authorization. 1 credit
2301 Time and room to be arranged Pierce Jr, S

Z00L608O Zoology Seminar: Cellular Zoology; Grade Method: REG/AUD; Open to all graduate students in College of Life Sciences. Permission of instructor not required. Advanced special students require department authorization. 1 credit
4001 W.....12:00pm-12:50pm (ZOP 1208) Shapiro, S

Z00L608Q (PermReq) Zoology Seminar: Protozoology; Grade Method: REG/AUD; Advanced special students require Department authorization. 1 credit
2801 Time and room to be arranged Small, E
Time and room to be arranged

Z00L609A (PermReq) Special Problems in Zoology: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609B (PermReq) Special Problems in Zoology: Developmental Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609C (PermReq) Special Problems in Zoology: Estuarine and Marine Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609D (PermReq) Special Problems in Zoology: Genetics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609E Special Problems in Zoology: Parasitology; 1-6 credits

(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

Z00L609F Special Problems in Zoology: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609G (PermReq) Special Problems in Zoology: Systematics and Evolutionary Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609I (PermReq) Special Problems in Zoology: Behavior; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609J (PermReq) Special Problems in Zoology: Recent Advances; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609K (PermReq) Special Problems in Zoology: Endocrinology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609L (PermReq) Special Problems in Zoology: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L609Q (PermReq) Special Problems in Zoology: Special Problems in Protozoology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L622 Membrane Transport Phenomena; Grade Method: REG/AUD; Prerequisite: Z00L 422, calculus. 3 credits
0101 TuTh.....8:00am- 9:15am (Z0P 1230) Colombini, M

Z00L640 Population Genetics; Grade Method: REG/AUD; Advanced special students require department authorization. Prerequisite: a course in genetics. 4 credits
0101 TuTh.....9:30am-10:45am (Z0P 1230) Highton, R
Time and room to be arranged LAB

Z00L670 Concepts in Animal Ecology; Grade Method: REG/AUD; 4 credits
0101 Tu.....9:00am-12:00pm (Z0P 1228) Gill, D
Tu.....1:30pm- 3:00pm (Arranged) DIS

Z00L676 Behavioral Ecology; Grade Method: REG/AUD; 4 credits
0101 TuTh.....3:30pm- 4:45pm (Z0P 1243) Borgia, G
Time and room to be arranged LAB

Z00L708B (PermReq) Advanced Topics in Zoology: Function and Assembly of Cell Organelles; Grade Method: REG/AUD; Advanced special students require department authorization. 2 credits
3601 Th.....5:00pm- 7:00pm (Z0P 1230) Ades, I

Z00L708C Advanced Topics in Zoology: Neurophysiology; Grade Method: REG/AUD; Lectures of Z00L 421. Graduate students register for Z00L 708C. 3 credits
3801 TuTh.....11:00am-12:15pm (Z0P 1243) Olek, A

Z00L708D Advanced Topics in Zoology: Recombinant DNA; Grade Method: REG/AUD; Advanced special students require department authorization. Prerequisites: Z00L 211 or Z00L 213 or permission of instructor. 3 credits
4001 TuTh.....9:30am-10:45am (Z0P 1208) Shapiro, S

Z00L708N (PermReq) Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
3401 Time and room to be arranged Colombini, M

Z00L708P Advanced Topics in Zoology: Computer Simulation and Modeling of Biological Systems; Grade Method: REG/AUD; Prerequisites: upper level course in biology, calculus. 4 credits
1901 MW.....9:00am- 9:50am (Z0P 0263) Levitan, H
TBA (Z0P 0263) LAB

Z00L799A Master's Thesis Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799B Master's Thesis Research: Developmental Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799C Master's Thesis Research: Estuarine and Marine Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799D Master's Thesis Research: Genetics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799E Master's Thesis Research: Parasitology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799F Master's Thesis Research: Physiology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799G Master's Thesis Research: Systematics and Evolutionary Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799I Master's Thesis Research: Behavior; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799J Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799K Master's Thesis Research: Endocrinology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L799L Master's Thesis Research: Ecology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

Z00L899A Doctoral Dissertation Research: Cell Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899B Doctoral Dissertation Research: Developmental Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899C Doctoral Dissertation Research: Estuarine and Marine Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899D Doctoral Dissertation Research: Genetics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899E Doctoral Dissertation Research: Parasitology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899F Doctoral Dissertation Research: Physiology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899G Doctoral Dissertation Research: Systematics and Evolutionary Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899I Doctoral Dissertation Research: Behavior; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899J Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899K (PermReq) Doctoral Dissertation Research: Endocrinology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Z00L899L Doctoral Dissertation Research: Ecology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

## TENTATIVE SCHEDULE

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## TENTATIVE SCHEDULE

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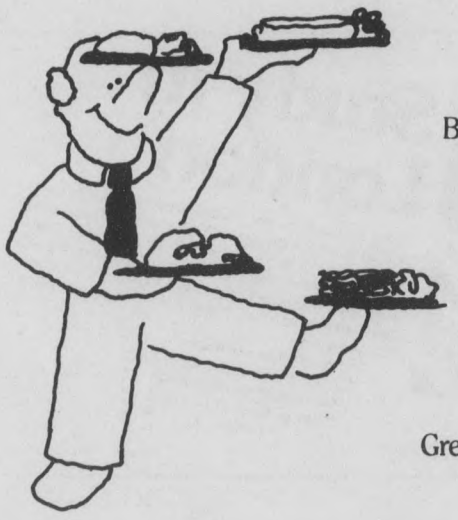

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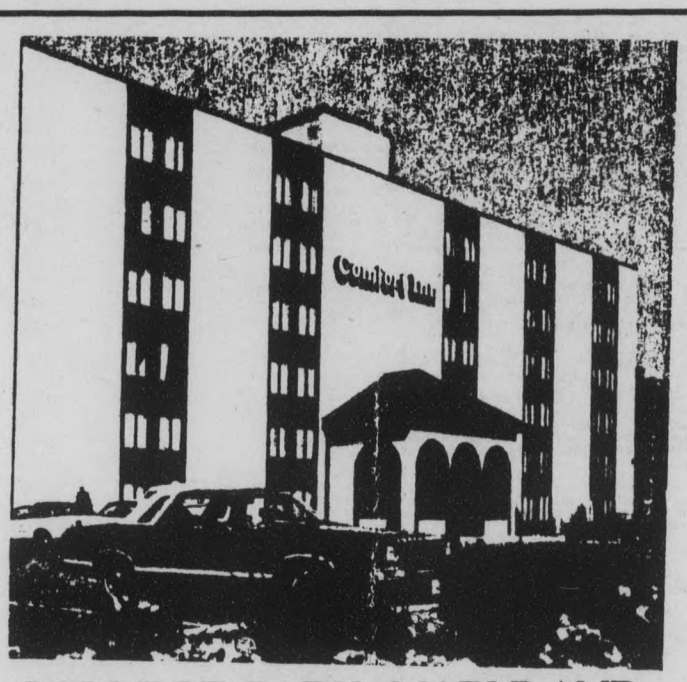

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| Italian Cold Cut | 2.99 | 5.95 |
| Turkey | 2.99 | 5.95 |
| Turkey'n Cheese | 2.99 | 5.95 |
| Ham | 2.99 | 5.95 |
| Ham'n Cheese | 2.99 | 5.95 |
| Hamburger | 2.99 | 5.95 |
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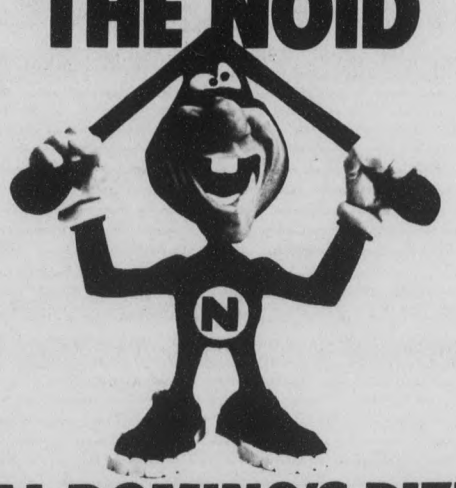

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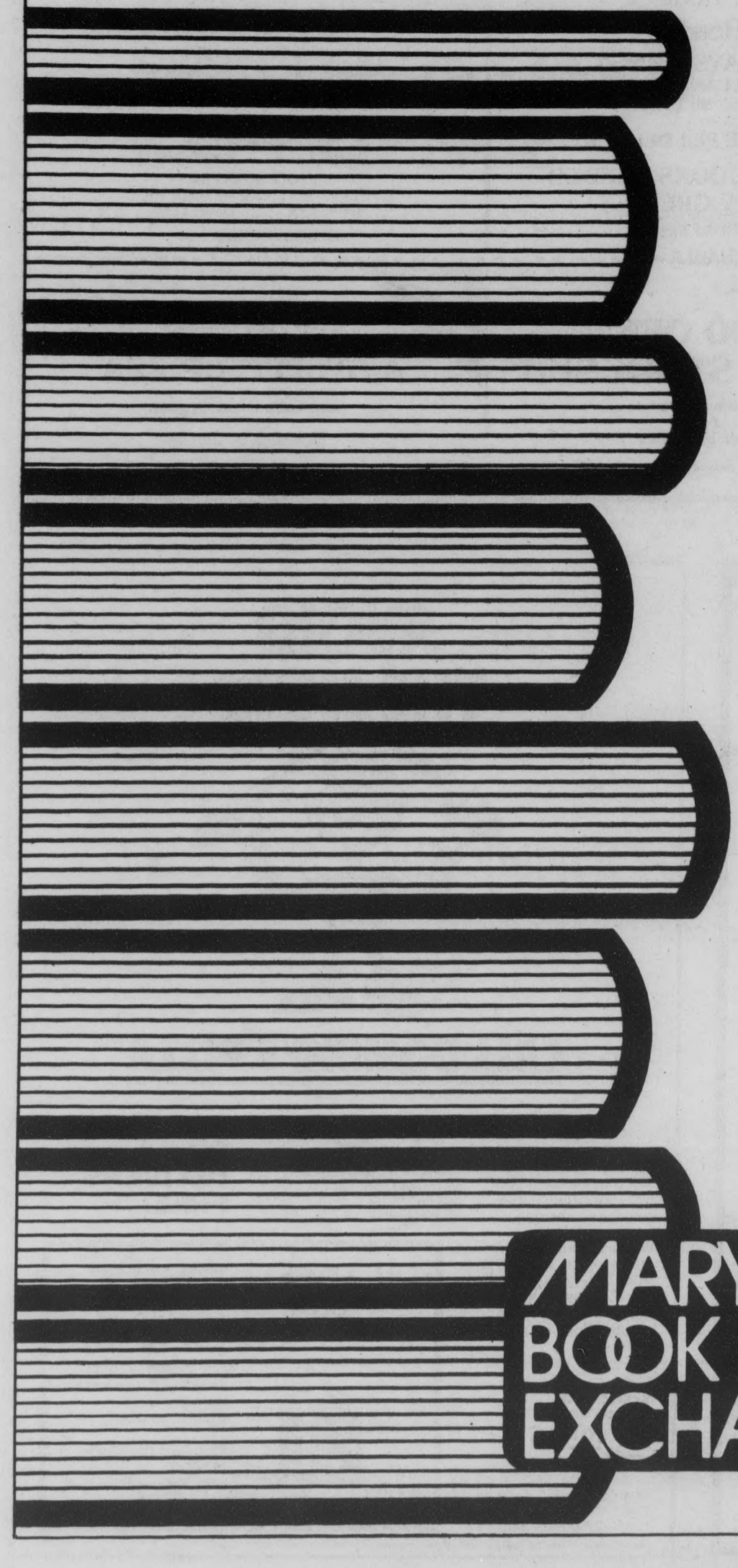

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